Advanced
GeoEnvironmental, Inc.

19 October 2005
AGE-NC Project No. 99-0645

Mr. Nicholas Bokides
MEL BOKIDES PETROLEUM INC.
P.O. Box 7747
Stockton, California 95267

Subject: **Quarterly Report - Second and Third Quarters 2005**
Former MEL BOKIDES PETROLEUM - Linden
8203 East Highway 26, Stockton, California

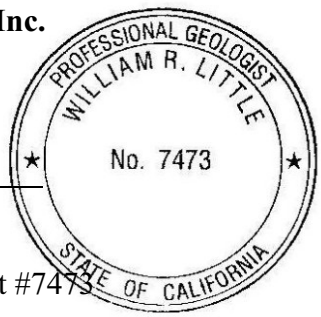
Dear Mr. Bokides:

At your request, *Advanced* GeoEnvironmental, Inc. has prepared the enclosed quarterly report for 8203 East Highway 26, Stockton, California. The scope of work included operation, maintenance and sampling of a soil-vapor extraction system, quarterly ground water monitoring and preparation of this report. Electronic copies of this report will be forwarded to Ms. Margaret Lagorio of the San Joaquin County Environmental Health Department (EHD) and to Mr. James Barton of the Regional Water Quality Control Board - Central Valley Region (RWQCB).

If you have any questions or require further information, please contact our office at (209) 467-1006.

Sincerely,

***Advanced* GeoEnvironmental, Inc.**



William R. Little
Senior Project Geologist
California Professional Geologist #7473

cc: Ms. Margaret Lagorio, EHD
Mr. James Barton, RWQCB

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Quarterly Report - Second and Third Quarters 2005

Former MEL BOKIDES PETROLEUM - Linden
8203 East Highway 26, Stockton, California

19 October 2005
AGE-NC Project No. 99-0645

PREPARED FOR:

Mr. Nicholas Bokides
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Quarterly Report - Second and Third Quarters 2005

Former MEL BOKIDES PETROLEUM - Linden
8203 East Highway 26, Stockton, California

19 October 2005
AGE-NC Project No. 99-0645

Advanced **GeoEnvironmental, Inc.**
837 Shaw Road, Stockton, California

PREPARED BY:

William R. Little
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Project Geologist

Quarterly Report - Second and Third Quarters 2005
Former MEL BOKIDES PETROLEUM - Linden
8203 East Highway 26, Stockton, California

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Former MEL BOKIDES PETROLEUM - Linden
8203 East Highway 26, Stockton, California

1.0. INTRODUCTION

At the request of Mr. Nick Bokides of Mel Bokides Petroleum (MBP), *Advanced* GeoEnvironmental, Inc. (AGE) has prepared this quarterly report for the property located at 8203 East Highway 26, Stockton, California (site). The scope of work included operation, maintenance and sampling of a soil-vapor extraction system, quarterly ground water monitoring and preparation of this report. The report was prepared in accordance with guidelines issued by the California Regional Water Quality Control Board - Central Valley Region (RWQCB) for subsurface investigations of former underground storage tank (UST) systems. The site location and site plan are illustrated on Figures 1 and 2, respectively; site background information is summarized in Appendix A.

Four soil-vapor extraction wells (VW1A, VW1B, VW2 and VW3) have been installed at the site, one well (VW1B) screened in petroleum hydrocarbon-impacted soil and the others screened in clean soil; however, based on individual SVE well feasibility testing, AGE determined that well VW1B should adequately capture soil-vapor to mitigate the adsorbed hydrocarbons at the site, while use of the remaining wells have demonstrated counter-productive results.

2.0 PROCEDURES

All field work procedures and reporting requirements are in accordance with guidelines issued by the RWQCB for subsurface investigation of underground storage tank (UST) system sites and the San Joaquin County Environmental Health Department (EHD) for sampling of ground water monitoring wells. The operation and monitoring of the soil-vapor extraction system was in accordance with the EHD approved, AGE-prepared *Soil Remediation - System Design*, dated 01 September 2004.

2.1. SOIL-VAPOR EXTRACTION SYSTEM

Well VW1B had been piped directly to the soil-vapor extraction unit (SVE) located within a fenced enclosure on the north side of the site (Figure 2) using 2-inch diameter Schedule 40 PVC piping. In-line, the SVE system consists of a 55-gallon moisture knockout vessel for moisture separation and to prevent water collection within the treatment media, three 300-pound (lb) carbon canisters, then a Fuji, 5-horsepower, regenerative vacuum blower capable of drawing a maximum 110 standard cubic feet per minute (scfm) of vapor, and finally two 1,500-pound carbon vessels to adsorb hydrocarbon vapor from the subsurface (Figure 2). The SVE unit is operated in accordance with San Joaquin Unified Air Pollution Control District (APCD) permit 5984-1. The permit was canceled in July 2005.

2.2. SOIL-VAPOR EXTRACTION

The SVE unit was observed or maintained weekly and monitored monthly. During each monitoring event, the flow rate of extracted soil-vapor (influent) was measured using a totalizing-flow Blue White roto-meter. Vacuum potential was measured at the 2-inch influent line by the magnehelic vacuum gauge. In addition, the organic vapor concentrations in the influent stream (before entering the blower) and the effluent stream (after exiting the carbon unit) were measured using the organic vapor meter equipped with a photo-ionization detector (PID: Thermo Environmental 580b; 10.0 eV; calibrated to isobutylene). A Magnehelic vacuum gauge was temporarily attached to the inlet of the blower to measure vacuum pressure exerted on the extraction well, and a cumulative flow meter was utilized downstream of the carbon canisters to monitor air flow. Sampling ports were installed upstream of the knockout vessel and downstream of the 1,500-lb carbon vessels to recover influent and effluent SVE air flow samples used to monitor the efficiency of hydrocarbon removal; in addition, the influent and effluent streams were monitored routinely for the presence of organic vapor using a PID. Field measurements, recorded at regular intervals are summarized in Table 1. The SVE was operated between March and July 2005, at which time the operation of the system was terminated, due to lack of influent contamination.

Influent and effluent soil-vapor samples were collected on 13 April, 04 and 17 May, 08 June and 18 July 2005; the influent vapor samples were collected from within a vacuum chamber directly into Tedlar vapor bags; the effluent samples were collected directly out of the effluent stream. The samples were labeled, placed in a cooler and transported under chain of custody to Cal Tech Environmental Laboratories (CTEL) in Paramount, a State of California Department of Health Services (DHS)-certified analytical laboratories. The soil-vapor samples were analyzed for:

- Total petroleum hydrocarbons quantified as gasoline (TPH-g) in accordance with EPA Method 8015 Modified and
- Benzene, toluene, ethylbenzene and total xylenes (BTEX) and methyl tertiary butyl ether (MTBE) in accordance with EPA Method 8260b.

2.3. MONITORING WELL EVACUATION AND MONITORING

On 12 April and 11 July 2005, the water level in each of three monitoring wells was measured relative to the top of the well casing using a Solinst water level meter. After water levels were measured, a dedicated, disposable plastic bailer was used to purge each well. Four and one-half to five gallons (a minimum of three well volumes) of water were removed from the wells. Temperature, pH and conductivity of the purged water were measured at two-and-one-half gallon intervals in May and one-and-one-half gallon interval in July using an Oakton water analyzer during purging. The

values had generally stabilized by the end of the purging process (Appendix B). Purged water was stored on-site in 55-gallon, department of transportation (DOT)-approved drums.

2.4. COLLECTION AND ANALYSIS OF GROUND WATER SAMPLES

Prior to collection of ground water samples, the depth to ground water was re-measured in each purged well to ensure that a minimum of 80% of the well volume had recharged. Then a water sample was collected from each well using the dedicated disposable plastic bailer. Each water sample was transferred into three chilled 40-milliliter (ml) volatile organic analysis (VOA) vials containing 0.5 ml hydrochloric acid (18%) as a sample preservative and one 1-liter amber bottle. After collection, the samples were labeled and placed in a chilled container for transportation under chain of custody to CTEL, a California DHS-certified analytical laboratory, in Paramount, California. Each sample was analyzed for:

- TPH-g and diesel (TPH-d) by EPA Method 8015M;
- BTEX and the oxygenated fuel additives MTBE, tertiary butyl alcohol (TBA), di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE) and tertiary amyl methyl ether (TAME), ethyl-dibromide (EDB) and 1,2-dichloroethane (1,2-DCA) by EPA Method 8260 Modified.

3.0. FINDINGS

From field data collected at the SVE remediation unit between March and July 2005, AGE determined the average TPH-g concentration and the average air flow rate, and calculated the approximate mass and volume of hydrocarbons removed. Ground water elevation and flow direction were determined from the field data collected in April and July 2005; hydrocarbon-impact to ground water was inferred from laboratory analysis of the samples.

3.1. SOIL-VAPOR EXTRACTION

During the second and third quarters 2005, the SVE unit operated at an average air flow rate of 64 to 85 scfm, generating an induced vacuum (negative pressure) of approximately 15 up to 44 inches of water, measured in the piping between the blower and extraction well. The SVE unit operation was continuous over the two quarter, until 29 July when the system was disengaged due to the lack of hydrocarbons in the influent vapors.

13 April: TPH-g and BTEX compounds were not detected from the influent SVE sample nor the

effluent SVE sample.

04 May: TPH-g and BTEX compounds were not detected from the influent SVE sample, MTBE was detected a concentration of 5.1 micrograms per liter (µg/l). TPH-g and BTEX compounds were not detected from the effluent SVE sample.

17 May: TPH-g was detected from the influent SVE sample at a concentration of 120 µg/l; BTEX compounds were detected at 4 µg/l ethylbenzene and 7.3 µg/l xylene; MTBE was detected at a concentration of 11 µg/l. TPH-g and BTEX compounds were not detected in the effluent SVE sample.

08 June and 18 July: Contaminants of concern (COCs) were not detected in the influent SVE samples. COCs were not detected in the effluent SVE samples.

The analytical results are summarized in Table 2. The laboratory reports (CTEL Project Nos. CT214-0504131, 0505044, 0505162, 0506081 and 0507105) quality assurance/quality control (QA/QC) reports and chain of custody forms are included in Appendix C.

Extracted organic vapor concentrations measured with the PID were measured at a range of 34 to 101 ppm-volume (April).

3.2. MASS OF RECOVERED HYDROCARBONS

The hydrocarbon mass (TPH-g) removed during the operating period was calculated using the following equation: $M = C \bullet Q \bullet t$

where: M = cumulative mass recovered (kg)
C = soil-vapor concentration (kg/m^3)
Q = extraction flow rate (m^3/hr)
t = operational period, in hours

The estimated mass of hydrocarbons removed was calculated for the period between May and June 2005. The mass was based on laboratory analysis of soil-vapor samples, the flow rate and operational time. The mass of extracted hydrocarbons was calculated for the time period using average hydrocarbon concentrations of influent soil-vapor sample data, average air flow rates and duration of operation. The volume and mass calculations are shown below:
using:

- C_{vapor} = 60 µg/l micrograms per liter, converted to 0.00006 kg/m^3

- Q = 65 scfm (average) x 1.69 = 109.85 m^3/hr
- t = 768 hours (sum of known operation)
- 0.00006 kg/m^3 • 109.85 m^3/hr • 768 hours = 5.06 kg gasoline
- 5.06 kg gasoline • 2.205 lbs/kg = 11.16 lbs gasoline
- to convert lbs gasoline to gallons gasoline, use 0.16 gal/lb:
- 11.6 lbs • 0.16 gal/lb = 1.785 gallons of gasoline

The operational results are summarized in Table 1. A total of 1,149.41 pounds, or 183.875 gallons of hydrocarbons have been extracted by the SVE system since 05 October 2004.

3.3. GROUND WATER GRADIENT AND FLOW DIRECTION

Depth to ground water at the site on April 2005 ranged from 87.14 feet to 87.44 feet below the monitoring well casing tops. Depth to ground water at the site on July 2005 ranged from 90.74 feet to 91.07 feet below the monitoring well casing tops.

The ground water elevation in each well was calculated from this data. The ground water elevations during April ranged between 41.88 feet (MW-1) and 41.91 feet (MW-2) below mean sea level (MSL). The ground water elevations during July ranged between 45.51 feet (MW-1) and 45.58 feet (MW-2) below mean sea level (MSL). At the time of the April 2005 monitoring event, the ground water flow direction was inferred to be southwest at a gradient of approximately 0.00075 ft/ft. At the time of the July 2005 monitoring event, the ground water flow direction was inferred to be south to southeast at a gradient of approximately 0.0017 ft/ft. Figure 3 illustrates the contoured ground water elevations.

3.4. ANALYTICAL RESULTS OF WATER SAMPLES

COCs were not detected in any of the collected April or the July 2005 ground water samples. Analytical results from the ground water samples are summarized in Tables 4 and 5. The laboratory reports (CTEL Project No. CT214-0504117 and 0507049), QA/QC reports and chain of custody form are included in Appendix E. GeoTracker confirmation pages of submitted laboratory electronic deliverable format (EDF) files are included in Appendix F.

4.0. SUMMARY AND CONCLUSIONS

Based on the data collected from the site, AGE concludes:

- Approximately 30.1 kg (66.4 pounds), or 10.62 gallons of hydrocarbons were extracted by the SVE system between March and June 2005. The volume and mass calculations are attached in Appendix D.
- A total of 1,204 lbs, or 192 gallons of hydrocarbons were extracted by the SVE system since 05 October 2004. Soil-vapor extraction samples demonstrated a decline in concentrations below detection limits and were not adequate for continued remediation.
- The ground water flow direction in April was inferred to be southwest at a gradient of approximately 0.00075 ft/ft and in July was inferred to be south at a gradient of approximately 0.0017 ft/ft.
- COCs were not detected in ground water monitoring well samples.
- COCs were not detected in the effluent SVE samples.

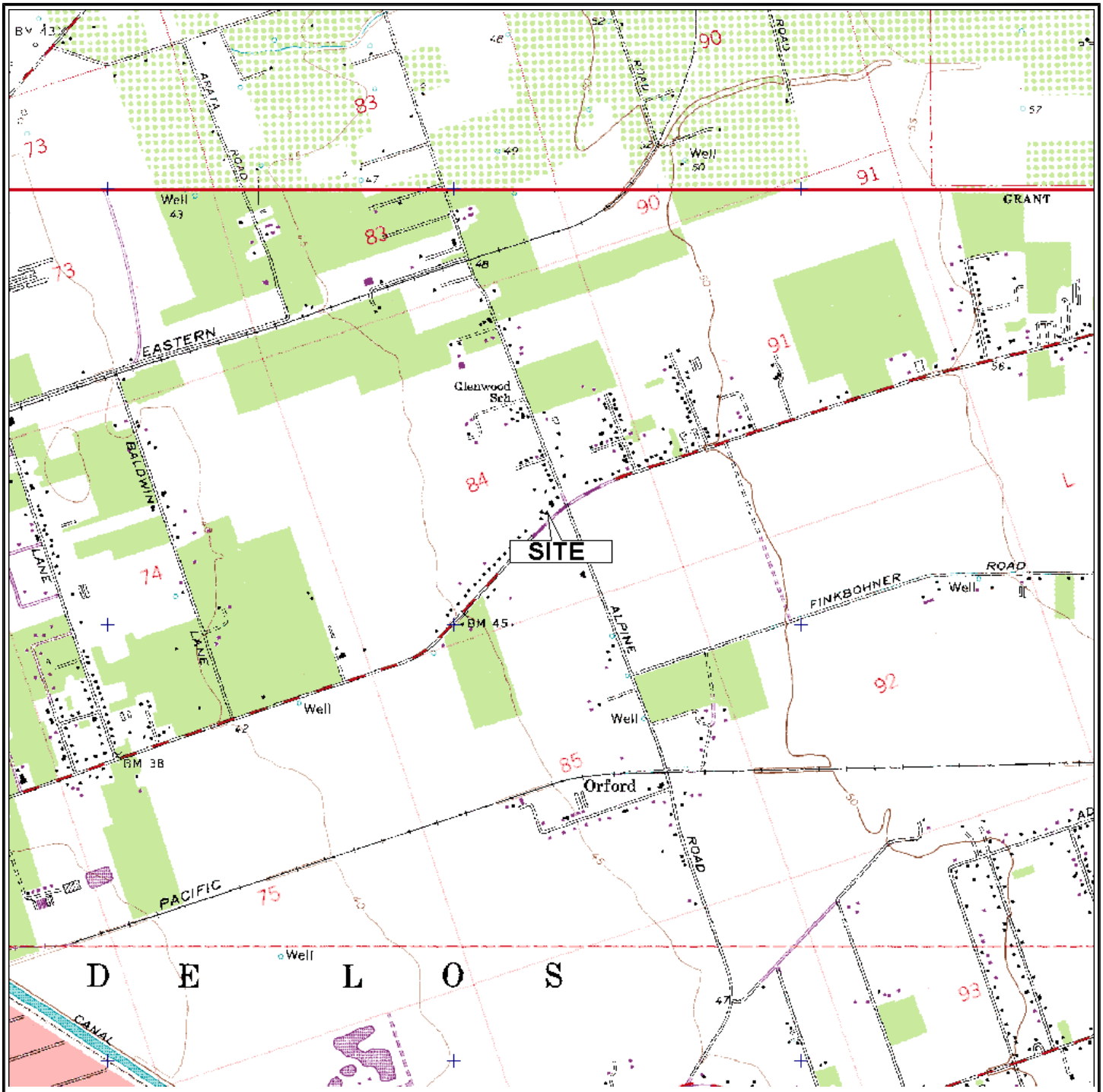
5.0. RECOMMENDATIONS

Based on the findings of this investigation, AGE recommends discontinuation of the soil-vapor extraction and preparation of a closure summary report.

6.0. LIMITATIONS

Our professional services were performed using that degree of care and skill ordinarily exercised by environmental consultants practicing in this or similar localities. The findings were based upon analytical results provided by an independent laboratory. Evaluation of the hydrogeologic conditions at the site for the purpose of this investigation was made from a limited number of available data points (e.g., soil-vapor, ground water samples) and subsurface conditions may vary away from these data points. No other warranty, expressed or implied, is made as to the professional interpretations, opinions and recommendations contained in this report.

FIGURES



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STOCKTON EAST QUADRANGLE, CALIFORNIA
7.5 MINUTE SERIES (U.S. GEOLOGICAL SURVEY)
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LOCATION MAP

MEL BOKIDES PETROLEUM – LINDEN
8203 EAST HIGHWAY 26
STOCKTON, CALIFORNIA

Advanced GeoEnvironmental, Inc.
of Northern California

PROJECT NO. AGE-NC-99-0645	FILE: LOCATION	FIGURE: 1
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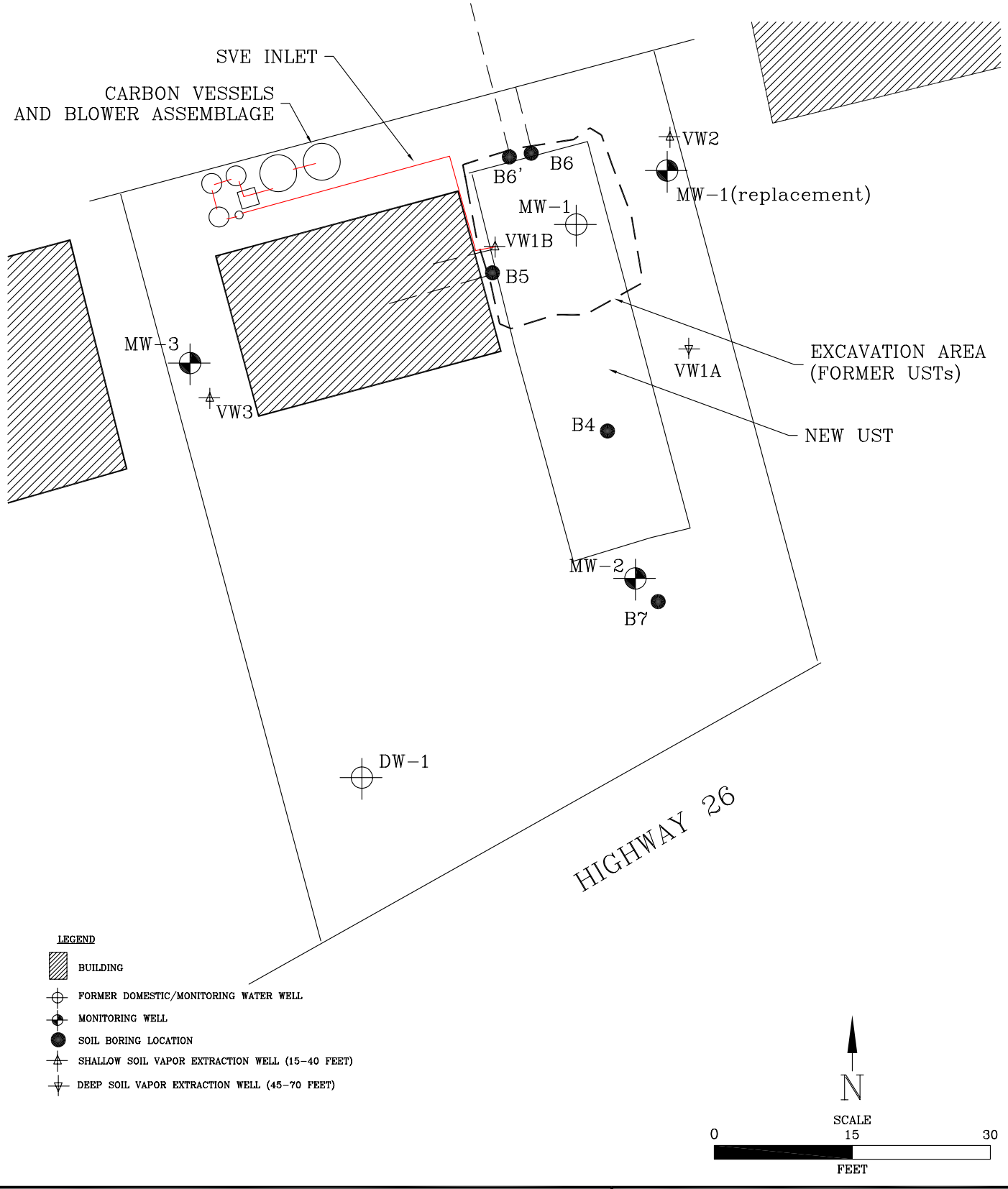
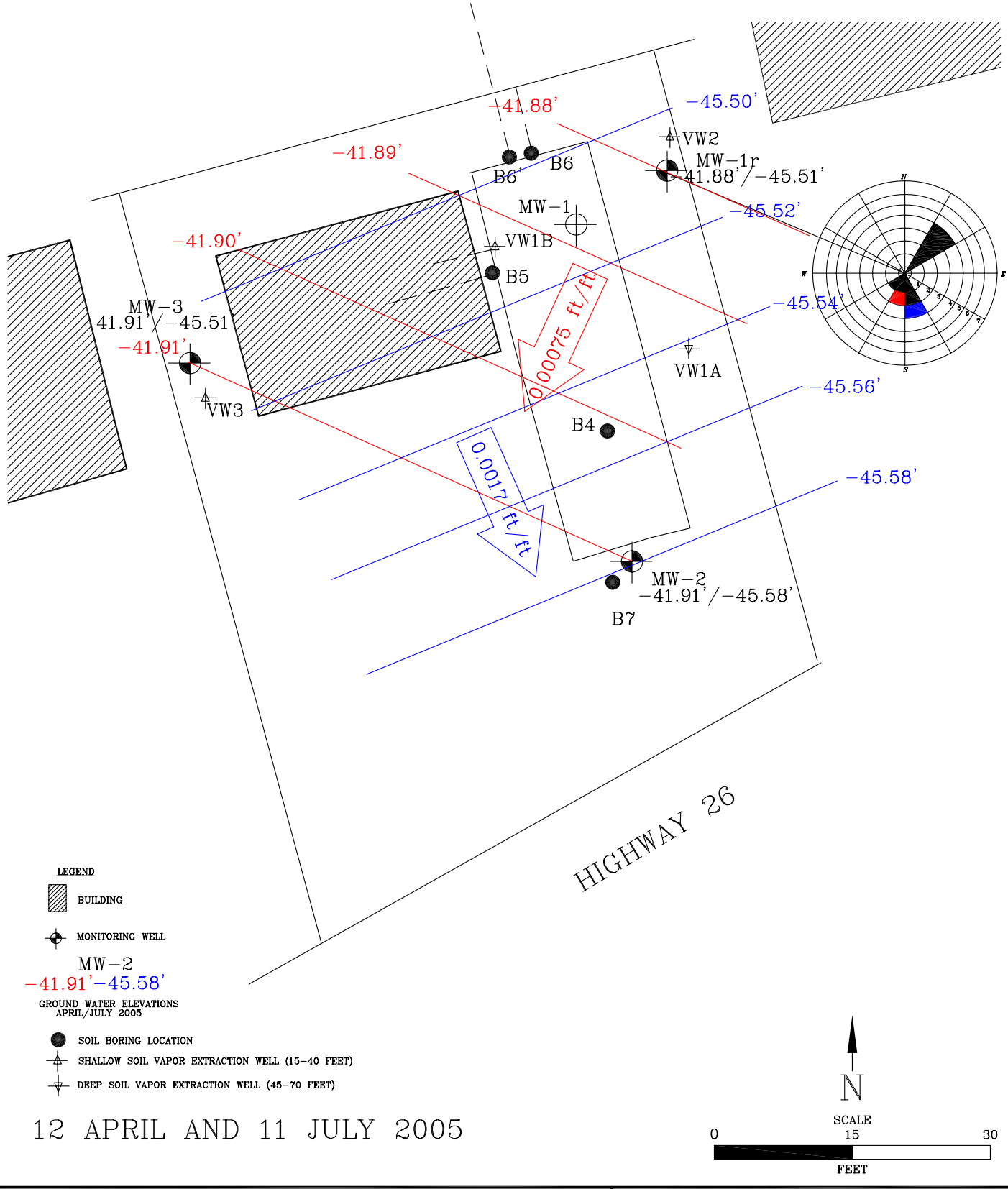


SITE PLAN

MEL BOKIDES PETROLEUM – LINDEN
8203 EAST HIGHWAY 26
STOCKTON, CALIFORNIA

Advanced GeoEnvironmental, Inc.
of Northern California

PROJECT NO. AGE-NC-99-0645	FILE: MBPLFig2	FIGURE:
DATE: 28 MAY 2004	DRAWN BY: MAC	2



GROUND WATER FLOW MAP

MEL BOKIDES PETROLEUM – LINDEN
8203 EAST HIGHWAY 26
STOCKTON, CALIFORNIA

Advanced GeoEnvironmental, Inc.
of Northern California

PROJECT NO. AGE-NC-99-0645	FILE: MBPL0604	FIGURE:
DATE: 19 OCTOBER 2005	DRAWN BY: MAC	3

TABLES

TABLE 1

SOIL VAPOR EXTRACTION DATA
Former MEL BOKIDES PETROLEUM - Linden
8203 East Highway 26, Stockton, California

Date	Time	Hours	Flow (cfm)	Vacuum (inches of water)	Inlet (ppmv)	Outlet (ppmv)
10-05-04	1:30 pm	0	55	25	2020	0
10-13-04	12:30 pm	144	55	21	847	15
10-21-04	7:30 am	332	65	23	538	3.8
11-03-04	3:00 pm	647	50	18	-	13
11-17-04	1:00 pm	983	54	18	274	3
12-22-04	11:30 am	1823	70	26	838	4.1
01-21-05	12:00 pm	2543	65	32	135	11
02-16-05	3:30 pm	3167	65	29	247	88
03-08-05	7:30 am	3647	64	30	224	27
03-17-05	2:30 pm off	3863	63	23	66	74
03-23-05	3:00 pm on	3863	45	30	-	-
04-13-05	10:30 am	4367	85	44	101	0
05-04-05	1:30 pm	4871	68	15	34	1.4
05-17-05	11:30 am	5111	64	-	43	0
06-08-05	1:30 pm	5639	58	-	0	0
07-18-05	1:30 pm	6575	-	-	-	-

Notes:
cfm: cubic feet per minute
ppmv: parts per million vapor

TABLE 2

ANALYTICAL RESULTS OF SOIL-VAPOR SAMPLES
Former MEL BOKIDES PETROLEUM - Linden
8203 East Highway 26, Stockton, California

Sample I.D.	TPH as Gasoline	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes
Influent Pre-Carbon adsorption 10-05-04	**12,000**	**160**	**15**	**450**	**40**	**300**
Effluent Post-Carbon adsorption 10-05-04	<50	<0.5	<0.5	<0.5	<0.5	<1.0
Influent Pre-Carbon adsorption 10-13-04	**3,900**	**130**	**11**	**260**	**27**	**180**
Effluent Post-Carbon adsorption 10-13-04	<50	<0.5	<0.5	<0.5	<0.5	<1.0
Influent Pre-Carbon adsorption 10-21-04	**1,300**	**340**	**8.0**	**87**	**28**	**220**
Effluent Post-Carbon adsorption 10-21-04	**110**	<0.5	<0.5	**2.9**	**5.0**	**40**
Influent Pre-Carbon adsorption 11-03-04	**2,000**	**77**	<1.0	**26**	**32**	**300**
Effluent Post-Carbon adsorption 11-03-04	<25	22	<0.25	<0.25	<0.25	<0.25
Influent Pre-Carbon adsorption 11-17-04	**500**	**76**	<0.5	**7.3**	**9.7**	**92**
Effluent Post-Carbon adsorption 11-17-04	<50	<0.5	<0.5	<0.5	<0.5	<1.0
Influent Pre-Carbon adsorption 12-22-04	**650**	**12**	<0.5	**1.7**	**2.6**	**25**
Effluent Post-Carbon adsorption 12-22-04	**120**	<0.5	<0.5	<0.5	<0.5	**4.0**

TABLE 2

ANALYTICAL RESULTS OF SOIL-VAPOR SAMPLES
Former MEL BOKIDES PETROLEUM - Linden
8203 East Highway 26, Stockton, California

Sample I.D.	TPH as Gasoline	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes
Influent Pre-Carbon adsorption 01-21-05	**450**	**35**	<0.5	**2.0**	**3.8**	**41**
Effluent Post-Carbon adsorption 01-21-05	<50	<0.5	<0.5	**1.4**	<0.5	**5.0**
Influent Pre-Carbon adsorption 02-16-05	**820**	**180**	**11**	**23**	<0.5	<1.0
Effluent Post-Carbon adsorption 02-16-05	<50	<0.5	<0.5	<0.5	<0.5	<1.0
Influent Pre-Carbon adsorption 03-08-05	**650**	**7.6**	<0.5	**36**	**2.2**	**12**
Effluent Post-Carbon adsorption 03-08-05	**110**	<0.5	<0.5	**7.5**	<0.5	**5.2**
Effluent Post-Carbon adsorption 03-23-05	<50	<0.5	<0.5	<0.5	<0.5	<1.0
Influent Pre-Carbon adsorption 04-13-05	<50	<0.5	<0.5	<0.5	<0.5	<1.0
Effluent Post-Carbon adsorption 04-13-05	<50	<0.5	<0.5	<0.5	<0.5	<1.0
Influent Pre-Carbon adsorption 05-04-05	<50	**5.1**	<0.5	<0.5	<0.5	<1.0
Effluent Post-Carbon adsorption 05-04-05	<50	<0.5	<0.5	<0.5	<0.5	<1.0
Influent Pre-Carbon adsorption 05-17-05	**120**	**11**	<0.5	<0.5	**4.0**	**7.3**
Effluent Post-Carbon adsorption 05-17-05	<50	<0.5	<0.5	<0.5	<0.5	<1.0

TABLE 2

ANALYTICAL RESULTS OF SOIL-VAPOR SAMPLES
Former MEL BOKIDES PETROLEUM - Linden
8203 East Highway 26, Stockton, California

Sample I.D.	TPH as Gasoline	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes
Influent Pre-Carbon adsorption 06-08-05	<50	<0.5	<0.5	<0.5	<0.5	<1.0
Effluent Post-Carbon adsorption 06-08-05	<50	<0.5	<0.5	<0.5	<0.5	<1.0
Influent Pre-Carbon adsorption 07-18-05	<50	<0.5	<0.5	<0.5	<0.5	<1.0
Effluent Post-Carbon adsorption 07-18-05	<50	<0.5	<0.5	<0.5	<0.5	<1.0

Notes:
TPH: Total petroleum hydrocarbons
MTBE: Methyl-tertiary-Butyl Ether

TABLE 3

GROUND WATER ELEVATION DATA
Former MEL BOKIDES PETROLEUM - Linden
8203 East Highway 26, Stockton, California
(feet)

Well No. (well screen)	Casing Elevation	Sample Date	Depth to Ground Water	Ground Water Elevation
MW-1	45.28	11/02/01	90.88	-45.60
(80' to 100')		04/12/02	81.62	-36.34
Destroyed		07/12/02	91.03	-45.75
MW-1r	45.56	10/06/03	95.34	-49.78
(80' to 100')		03/11/04	86.09	-40.53
		06/30/04	94.00	-48.44
		10/20/04	97.67	-52.11
		01/25/05	91.64	-46.08
		04/12/05	87.44	-41.88
		07/11/05	91.07	-45.51
MW-2	45.29	11/02/01	90.86	-45.57
(80' to 100')		04/12/02	81.61	-36.32
		07/12/02	91.03	-45.72
		04/01/03	84.93	-39.64
	45.30	10/06/03	95.19	-49.90
		03/11/04	85.84	-40.55
		06/30/04	93.84	-48.54
		10/20/04	97.45	-52.15
		01/25/05	91.44	-46.14
		04/12/05	87.21	-41.91
		07/11/05	90.88	-45.58
MW-3	45.23	11/02/01	90.74	-45.51
(80' to 100')		04/12/02	81.49	-36.26
		07/12/02	90.90	-45.67
		04/01/03	86.72	-41.49
	45.23	10/06/03	95.09	-49.86
		03/11/04	85.78	-40.55
		06/30/04	93.80	-48.57
		10/20/04	97.37	-52.14
		10/29/04	96.77	-51.54
		01/25/05	91.29	-46.06
		04/12/05	87.14	-41.91
		07/11/05	90.74	-45.51
Domestic Well Destroyed	45.73	11/02/01	91.00	-45.27

TABLE 4

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA METHODS 8015M/8020
Former MEL BOKIDES PETROLEUM - Linden
8203 East Highway 26, Stockton, California
(µg/l)

Well I. D. (Screen)	Sample Date	Depth to GW (feet)	8015M		Volatile aromatic compounds (8020)				
			TPH-d	TPH-g	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes
MW-1 (80' to 100')	11/02/01	90.88	<50	<50	**5.9**	<0.5	<0.5	<0.5	<0.5
	04/12/02	81.62	<50	**120**	<1.0	<0.5	<0.5	<0.5	<1.0
	07/12/02	91.03	**55**	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	Destroyed	-	-	-	-	-	-	-	-
MW-1r (80' to 100')	10/06/03	95.34	<50	<50	-	<0.5	<0.5	<0.5	<0.5
	03/11/04	86.09	<50	<50	-	<0.5	<0.5	<0.5	<0.6
	06/30/04	94.00	<50	<50	-	<0.5	<0.5	<0.5	<0.6
	10/20/04	97.67	<50	<50	-	<0.5	<0.5	<0.5	<0.6
	01/25/05	91.64	<50	<50	-	<0.5	<0.5	<0.5	<0.6
	04/12/05	87.44	<50	<50	-	<0.5	<0.5	<0.5	<0.6
	07/11/05	91.07	<50	<50	-	<0.5	<0.5	<0.5	<0.6
MW-2 (80' to 100')	11/02/01	90.86	<50	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	04/12/02	81.61	<50	**130**	<1.0	<0.5	<0.5	<0.5	<1.0
	07/12/02	91.03	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	04/01/03	84.93	<50	<50	<1.0	<0.5	<0.5	<0.5	<1.0
	10/06/03	95.19	<50	<50	-	<0.5	<0.5	<0.5	<0.5
	03/11/04	85.84	<50	<50	-	<0.5	<0.5	<0.5	<0.6
	06/30/04	93.84	<50	<50	-	<0.5	<0.5	<0.5	<0.6
	10/20/04	97.45	<50	<50	-	<0.5	<0.5	<0.5	<0.6
	01/25/05	91.44	<50	<50	-	<0.5	<0.5	<0.5	<0.6
	04/12/05	87.21	<50	<50	-	<0.5	<0.5	<0.5	<0.6
	07/11/05	90.88	<50	<50	-	<0.5	<0.5	<0.5	<0.6

TABLE 4

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA METHODS 8015M/8020
Former MEL BOKIDES PETROLEUM - Linden
8203 East Highway 26, Stockton, California
(µg/l)

Well I. D. (Screen)	Sample Date	Depth to GW (feet)	8015M		Volatile aromatic compounds (8020)				
			TPH-d	TPH-g	MTBE	Benzene	Toluene	Ethyl-benzene	Xylenes
MW-3 (80' to 100')	11/02/01	90.74	<50	<50	<5.0	<0.5	<0.5	<0.5	<0.5
	04/12/02	81.49	<50	<50	<1.0	<0.5	<0.5	<0.5	<1.0
	07/12/02	91.03	<50	<50	<0.5	<0.5	<0.5	<0.5	<0.5
	04/01/03	86.72	<50	<50	<1.0	<0.5	<0.5	<0.5	<1.0
	10/06/03	95.09	<50	<50	-	<0.5	<0.5	<0.5	<0.5
	03/11/04	85.78	<50	<50	-	<0.5	<0.5	<0.5	<0.6
	06/30/04	93.80	<50	<50	-	<0.5	<0.5	<0.5	<0.6
	10/20/04	97.37	<50	***600***	-	***5.3***	***17***	***9.7***	***67***
	10/29/04	96.77	<50	<50	-	<0.5	<0.5	<0.5	<0.6
	01/25/05	91.29	<50	<50	-	<0.5	<0.5	<0.5	<0.6
	04/12/05	87.14	<50	<50	-	<0.5	<0.5	<0.5	<0.6
	07/11/05	90.74	<50	<50	-	<0.5	<0.5	<0.5	<0.6

Notes:
µg/l: micrograms per liter
TPH-g/-d: Total petroleum hydrocarbons as gasoline/diesel
MTBE: Methyl-tertiary-Butyl Ether

TABLE 5

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA METHOD 8260B
Former MEL BOKIDES PETROLEUM - Linden
8203 East Highway 26, Stockton, California
(µg/l)

Sample ID	DIPE	ETBE	MTBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW1/11-02-01	<1.0	<1.0	**4.7**	<1.0	<5.0	<500	<50	<1.0	<1.0
MW1/04-12-02	<1.0	<1.0	<1.0	<1.0	<25			<0.5	<0.5
MW1/07-12-02	<0.5	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
Destroyed	-	-	-	-	-	-	-	-	-
MW1r/10-06-03	<5.0	<5.0	**120**	<5.0	<50	-	-	<5.0	<5.0
MW1r/03-11-04	<1.0	<1.0	<1.0	<1.0	<10	-	-	<0.5	<0.5
MW1r/06-30-04	<1.0	<1.0	<1.0	<1.0	<10	-	-	<0.5	<0.5
MW1r/10-20-04	<1.0	<1.0	<1.0	<1.0	<10	-	-	<0.5	<0.5
MW1r/01-25-05	<1.0	<1.0	<1.0	<1.0	<10	-	-	<0.5	<0.5
MW1r/04/12/05	<1.0	<1.0	<1.0	<1.0	<10	-	-	<0.5	<0.5
MW1r/07/11/05	<1.0	<1.0	<1.0	<1.0	<10	-	-	<0.5	<0.5
MW2/11-02-01	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<50	<1.0	<1.0
MW2/04-12-02	<1.0	<1.0	<1.0	<1.0	<25			<0.5	<0.5
MW2/07-12-02	<0.5	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
MW2/04-01-03	<1.0	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
MW2/10-06-03	<0.5	<0.5	<0.5	<0.5	<5.0	-	-	<0.5	<0.5
MW2/03-11-04	<1.0	<1.0	<1.0	<1.0	<10	-	-	<0.5	<0.5
MW2/06-30-04	<1.0	<1.0	<1.0	<1.0	<10	-	-	<0.5	<0.5
MW2/10-20-04	<1.0	<1.0	<1.0	<1.0	<10	-	-	<0.5	<0.5
MW2/01-25-05	<1.0	<1.0	<1.0	<1.0	<10	-	-	<0.5	<0.5
MW2/04/12/05	<1.0	<1.0	<1.0	<1.0	<10	-	-	<0.5	<0.5
MW2/07/11/05	<1.0	<1.0	<1.0	<1.0	<10	-	-	<0.5	<0.5

TABLE 5

ANALYTICAL RESULTS OF GROUND WATER SAMPLES - EPA METHOD 8260B
Former MEL BOKIDES PETROLEUM - Linden
8203 East Highway 26, Stockton, California
(µg/l)

Sample ID	DIPE	ETBE	MTBE	TAME	TBA	Methanol	Ethanol	EDB	1,2-DCA
MW3/11-02-01	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<50	<1.0	<1.0
MW3/04-12-02	<1.0	<1.0	<1.0	<1.0	<25			<0.5	<0.5
MW3/07-12-02	<0.5	<0.5	<0.5	<0.5	<5.0	<500	<50	<0.5	<0.5
MW3/04-01-03	<1.0	<1.0	<1.0	<1.0	<10	<1,000	<50	<0.5	<0.5
MW3/10-06-03	<0.5	<0.5	<0.5	<0.5	<5.0	-	-	<0.5	<0.5
MW3/03-11-04	<1.0	<1.0	<1.0	<1.0	<10	-	-	<0.5	<0.5
MW3/06-30-04	<1.0	<1.0	<1.0	<1.0	<10	-	-	<0.5	<0.5
MW3/10-20-04	<1.0	<1.0	<1.0	<1.0	<10	-	-	<0.5	<0.5
MW3/10-29-04	<1.0	<1.0	<1.0	<1.0	<10	-	-	<0.5	<0.5
MW3/01-25-05	<1.0	<1.0	<1.0	<1.0	<10	-	-	<0.5	<0.5
MW3/04/12/05	<1.0	<1.0	<1.0	<1.0	<10	-	-	<0.5	<0.5
MW3/07/11/05	<1.0	<1.0	<1.0	<1.0	<10	-	-	<0.5	<0.5

Notes:

µg/l: micrograms per liter
DIPE: Di-isopropyl Ether
ETBE: Ethyl tertiary-Butyl Ether
MTBE: Methyl-tertiary-Butyl Ether
TAME: tertiary-Amyl Methyl Ether
TBA: tertiary Butyl Alcohol or tertiary Butanol
EDB: Ethylene Dibromide or 1,2-Dibromoethane
1,2-DCA: 1,2-Dichloroethane

APPENDIX A

Site Background Information
Former MEL BOKIDES PETROLEUM - Linden
8203 East Highway 26, Stockton, California

The site was formerly a gasoline station and mini-mart. On 07 May 1999, three USTs, associated piping and a dispenser island were removed from the site by Semco of Modesto. Six soil samples were collected beneath the USTs, two soil samples were collected beneath the dispenser area and four laboratory composited soil samples were collected from the excavated soil.

Approximately 150 cubic yards of soil were excavated during removal of the USTs; subsequent to the soil sampling activities, the soil was placed back into the excavation.

Laboratory analysis of the soil samples detected total petroleum hydrocarbons quantified as gasoline (TPH-g) at concentrations up to 17,000 milligrams per kilogram (mg/kg) beneath the northern UST (Tank#1); benzene, toluene, ethylbenzene and xylenes (BTEX) were detected at concentrations as high as 3,000,000 micrograms per kilogram (µg/kg).

Methyl tertiary butyl ether (MTBE) and/or tertiary butanol (TBA) were detected in soil samples collected from the former UST excavation and stockpiled soil at the site at concentrations as high as 160,000 µg/kg MTBE. The presence of high concentrations of MTBE in the soil samples indicated that an unassessed mass of MTBE remained at the site.

INTERIM SOIL REMEDIATION

On 21 March 2000, AGE personnel excavated 195 metric tons of impacted soil from the former tank pit utilizing an excavator outfitted with a 2.45 cubic-yard bucket. Following the removal of the original soil backfill material, the excavation was enlarged and deepened to an approximate depth of 22 feet bsg, and soil samples were collected from the floor (F-1) and walls (WW, EW, NW and SW) of the excavation, as well as the soil stockpiles, for laboratory analysis. On 22 March 2000, the impacted soil was transported from the site and disposed of at Forward Landfill.

TPH-g was detected in excavation soil samples F-1, WW, EW and NW at 6.0 mg/kg, 23,000 mg/kg, 29 mg/kg and 32 mg/kg, respectively; TPH-g was not detected in sample SW.

BTEX compounds were detected in all excavation samples except SW, at maximum concentrations of 56 mg/kg benzene, 1,700 mg/kg toluene, 470 mg/kg ethylbenzene and 2,900 mg/kg xylenes in sample WW.

MTBE was detected in all excavation samples at concentrations ranging from 28 µg/kg (SW) to 140,000 µg/kg (WW). TAME was detected only in sample WW at 9,200 µg/kg; TBA was detected in samples F-1 and NW at 6,100 µg/kg and 100 µg/kg, respectively.

The composited stockpile soil samples contained TPH-g at concentrations ranging from 1,900 mg/kg to 2,100 mg/kg. BTEX compounds ranged from below laboratory detection limits (benzene in sample SPA-D) to 280 mg/kg (xylenes in sample SPH-L). MTBE, TAME and TBA were detected as high as 3,000 µg/kg, 240 µg/kg and 3,500 µg/kg, respectively.

AGE calculated that approximately 126 gallons of gasoline were removed in the soil excavated during the interim remediation. The highest concentrations of petroleum hydrocarbon compounds left in place were detected in the sample collected from the western wall of the former excavation. Lower concentrations of petroleum hydrocarbons as gasoline were also detected in the floor sample and samples collected from the north and west sidewalls. Fuel oxygenates, including MTBE, TAME and TBA were detected in all samples.

SITE ASSESSMENT

On 15 through 17 October 2001, six soil borings (B1 through B6) were advanced at the site; three soil borings, B1 through B3, were established as ground water monitoring wells MW-1 through MW-3, respectively.

Soil in the area of boring B1 (MW-1) and borings B4 and B5 were found to contain high concentrations of petroleum hydrocarbons at depths of 15 bsg, with reduced concentrations encountered at depths to 70 feet bsg.

Ground water monitoring data from the initial ground water monitoring event on 02 November 2001 indicated that ground water was flowing towards the northeast, and was locally impacted by the oxygenated fuel additive MTBE.

On 27 September 2002, monitoring well MW-1 was destroyed by drilling out the entire boring length and backfilling with neat cement and bentonite in the upper 15 feet of the excavation. Additionally, the domestic on-site well was destroyed by percussion explosion and backfilled with a sand and cement mix.

ADDITIONAL SITE ASSESSMENT AND REMEDIATION FEASIBILITY

On 09 through 11 September 2003, a total of seven soil borings were advanced at the site: boring B6' was advanced north of the excavation area at a 20 degree angle, to an extent of 80 feet; B7 was advanced southeast of well MW-2 to 70 feet bsg; boring MW-1R was installed east of the former UST area to 100 feet bsg; vapor well VW1B was advanced under the building at a 20 degree angle to an extent of 40 feet, VW1A was installed east of the former UST area to 70 feet bsg; VW2 was installed east of the former UST area to 40 feet bsg and VW3 was installed south of well MW-3 to

60 feet bsg. Soil samples were collected at five foot intervals, generally beginning at 10 feet bsg, or where native soil was encountered below back fill.

A total of 28 soil samples were analyzed. Samples from B6' had concentrations of BTEX compounds and MTBE above laboratory reporting limits. MTBE ranged from 0.010 milligrams per kilogram (mg/kg) to 0.63 mg/kg. Maximum concentrations of BTEX compounds were 0.020 mg/kg benzene, 0.060 mg/kg toluene, 0.030 mg/kg ethylbenzene and 0.070 mg/kg xylenes. The sample results from B7 showed only one contaminated sample, at 30 feet, with 0.49 mg/kg MTBE. Samples from MW-1R had 1.2 mg/kg TPH-g at 40 feet; MTBE was detected at concentrations of 0.43 mg/kg and 1.2 mg/kg at 30 and 40 feet, respectively; TAME was detected at 30 and 40 feet, at concentrations of 0.040 mg/kg and 0.030 mg/kg, respectively.

Results from VW1A showed TPH-g and TAME at 40 feet with concentrations of 4.6 mg/kg and 0.010mg/kg, respectively. MTBE was detected from 40 to 60 feet, ranging from 0.030 mg/kg to 4.2 mg/kg. Soil from VW3 had MTBE at 30 and 40 feet with concentrations of 0.020 mg/kg and 0.060 mg/kg, respectively.

Monitoring and vapor extraction wells were completed within the following intervals: MW-1R from 80 feet to 100 feet bsg; VW1B from 15 feet to 40 feet bsg; VW1A from 40 feet to 70 feet bsg; VW2 from 15 feet to 40 feet bsg; VW3 from 20 feet to 50 feet bsg.

MTBE was detected in the ground water sample collected from well MW-1 at a concentration of 120 µg/l.

SVE REMEDIATION FEASIBILITY PROCEDURES

Two separate soil vapor extraction pilot tests were conducted on 18 September 2003 and 06 October 2003. On 18 September 2003, the upper sand layer was tested using vapor well VW1B, screened from 15 feet bsg to 40 feet bsg, as the extraction well. On 06 October 2003, a second pilot test was conducted on the fine-grained deeper impacted areas closest to ground water at the site using vapor well VW1A, screened from 40 feet bsg to 70 feet bsg as the extraction well. The pilot tests were initiated at 8:00 am and continued for 8 hours. A total of four soil vapor samples were collected during each pilot test.

Analytical results of soil vapor samples were generally highest in the second sample collected on 18 September. Extraction well VW1B results indicated: TPH-g was detected in all the soil vapor samples at concentrations ranging from11,000 µg/l to 14,000 µg/l; benzene, toluene, ethylbenzene and xylenes were detected in every sample at concentrations as high as 54 µg/l benzene, 1,400 µg/l toluene, 160 µg/l ethylbenzene, 990 µg/l xylenes; and MTBE was detected in all the samples ranging from 730 µg/l to 860 µg/l. Toluene and total xylenes were detected in one sample collected from

VW1A on 06 October at a concentration of 0.39 µg/l and 0.29µg/l, respectively. No other analytes were detected at or above laboratory reporting limits in the soil vapor samples.

The shallow test results indicated the flow rate was initially measured at 42 cfm (standard cubic feet per minute) and the maximum observed was 75 cfm. OV readings ranged from 923 ppm to 1,100 ppm. Induced vacuum measured at the extraction well VW1B ranged from 20 to 32 inches of water. On 06 October 2003, the lower screened vapor extraction test results had measured flow rates between 25 cfm and 31 cfm; a much lower flow was observed. OV readings ranged from 1.2 ppm to 2.5 ppm, which was consistent across the pilot test. Induced vacuum measured at the extraction well (VW1A) was always greater than 100 inches of water.

During the shallow soil vapor extraction pilot test (18 September) the greatest induced vacuum was measured in the observation point nearest the extraction well, at 0.60 inches of water in wells VW2 and VW3. The lowest vacuum was measured in MW-3, approximately 30 feet west of the extraction point and screened much lower in the stratigraphy at the site; however, sufficient induced vacuum was observed in the monitoring wells to demonstrate that a vertical connection may exist across the vertically separated layers at the site.

During the deeper soil vapor extraction pilot test (06 October) the greatest induced vacuum was measured in the observation point nearest the extraction well, at 0.45 inches of water in well MW-1R. The lowest vacuum was measured in VW2 and VW1B, approximately 20 feet west of the extraction point and screened above the lower stratigraphy at the site. Again, sufficient induced vacuum was observed in the monitoring wells and also in the upper soil vapor extraction wells, to demonstrate that a vertical connection may exist across the vertically separated layers at the site.

AGE plotted on a logarithmic scale the maximum vacuum measured at the observation points during the pilot test versus the distance from the extraction well. The effective radius of influence was determined by drawing a best-fit line though these data points to correlate distance to vacuum data. At a vacuum potential of 0.10 inches of water, the radius of influence is approximately 30 feet for the lower screened well (VW1A) and radius of influence is approximately 40 feet for the upper screened well (VW1B); at an induced vacuum potential of 1.0 inches of water, the radius of influence is 20 feet for well VW1A and approximately 25 feet for well VW1B. Further, a vacuum potential of 10.0 inches of water the radius of influence is less than 10 feet. Based upon an effective vacuum potential of 0.1 inches of water, the calculated effective radius of influence at the site will be 30 feet up to almost 40 feet for the upper screened vapor well. The majority of the residual impacted soil would be collected within the 40 foot radius of influence.

SITE CONCEPTUAL CONCLUSIONS

Based on the data collected from the site, AGE concludes:

- The sand units occurred at depths of 15 to 30 feet bsg and 75 or 80 feet to 80 or 85 feet bsg. The deepest sand unit previously encountered may actually be two thinner units. Ground water was encountered at approximately 96 feet bsg. Ground water flow direction at the site was northwest. The decrease of ground water elevation of approximately 4 feet between July 2002 and October 2003 may be due to seasonal fluctuation.
- TPH-g was detected in the soil boring sample collected north of the site (B6'). Low concentrations of MTBE were detected in the soil sample to a depth of 55 feet bsg in the same boring. Benzene concentrations were detected in the two deepest soil samples collected from the northern boring, indicating the northern migration of only benzene, at a depth of 60 feet to 70 feet bsg or the presence of another source off the northern edge of the site. With no detections of benzene in the upper 55 feet of boring B6'/6, only low detections of benzene in the former UST soil boring B1, all less than 0.1 mg/kg, and the lack of detectable hydrocarbons in the soil boring MW-1R below 50 feet bsg; the source of the off-site benzene detected in the furthermost reach of boring B6' appears to be from another source than the UST release. However, soil vapor extraction on-site will likely effectively mitigate the detections off-site.
- TPH-g was not detected in the soil boring sample collected at the west edge of the site (VW3). Only low concentrations of MTBE were detected at 30 and 40 feet bsg in boring VW3. TPH-g was not detected in the soil boring sample collected at the southern edge of the site (B7). Only one detection of MTBE was in the soil, from 30 feet bsg in boring B7.
- TPH-g was only detected in the upper most soil sample from boring VW1A, at the east edge of the site. MTBE was detected in samples from boring B7 from 40 feet to 60 feet bsg. The lateral extent of adsorbed MTBE may extend below the eastern boundary of the site. Soil vapor extraction on-site will likely effectively mitigate the MTBE off-site.
- Generally, the highest concentrations of MTBE were detected within a 45 foot thick interval, occurring between 15 feet and 60 feet. The vertical extent of the MTBE-impacted soil was limited to less than 70 feet bsg.
- MTBE was detected in one ground water sample (MW-1) at a concentration of 120 µg/l. This concentration exceeds the maximum contaminant level for MTBE in drinking water.
- Based upon effective vacuum potential of 0.1 inches of water, the calculated effective radius of influence at the site for vapor wells screened from 15 feet to 40 feet bsg will be approximately 40 feet. The calculated effective radius of influence at the site for vapor wells screened from 40 feet to 70 feet bsg or greater will be approximately 30 feet.
- TPH-g, TPH-d and BTEX compounds were not detected in the three water samples collected.

APPENDIX B

Advanced GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95215

FIELD ACTIVITY LOG

PROJECT: MBP/Linden PROJECT TYPE: _____ DATE: 4/13/05

SITE ADDRESS: _____ FIELD PERSONNEL: RM

WORK DESCRIPTION/TITLE: Sampling / O+M

TIME	ACTIVITIES
1016	Mob to Site
	onsite
1039	Sample Influent
	PID reading = 101 ppm
1034	Sample Effluent
	PID reading = 0 ppm
	Flow = 85 CFM
	Vacuum = 44.0 Flow
1040	Empty K/O + restart
1045	Leave Site
	Return to shop, unload, COC, paperwork, etc.
1410	Ship samples to Cal Tech

BILLABLE HOURS:

Approved By: _____ Project Manager/Supervisor: _____

Advanced GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95215

FIELD ACTIVITY LOG

PROJECT: MBP/Linden PROJECT TYPE: Air Sampling DATE: 5/4/05

SITE ADDRESS: _____ FIELD PERSONNEL: RM

WORK DESCRIPTION/TITLE: _____

TIME	ACTIVITIES
1250	Mob to site
	Installed Port at "well head" for influent sampling
1321	Sample Influent → PID = 34.0 ppm
1326	Sample AFT/BLOWER PID = 1.4 ppm
1330	Sample Effluent PID = 0.0 ppm
	Total Flow 68.0 CFM (totalizer) Vacuum 15.0 inw
	empty K/O of 10 gallons condensate
1340	Leave site
1	Return to shop, unload
	COC/paperwork
1410	Ship samples to Cal Tec

BILLABLE HOURS:

Approved By: _____ Project Manager/Supervisor: _____

Advanced GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95215

FIELD ACTIVITY LOG

PROJECT: MBP/Linden PROJECT TYPE: Sampling DATE: 5/17/05

SITE ADDRESS: _____ FIELD PERSONNEL: Ron

WORK DESCRIPTION/TITLE: _____

TIME	ACTIVITIES
1120	Load/Mob
	onsite, System running "Normal", no water in K/O drum.
	Total Flow = 64 cfm inlet PID = 43.0 ppm outlet PID = 0.0 ppm
1150	Sampled Effluent
1155	Sample Influent
1205	leave site
1355	COC / Paperwork
↓	
1410	Shipped Samples to Cal Test

BILLABLE HOURS:

Approved By: _____ Project Manager/Supervisor: _____

Advanced GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95215

FIELD ACTIVITY LOG

PROJECT: MBP/Linden PROJECT TYPE: Air Sample DATE: 6/8/05

SITE ADDRESS: _____ FIELD PERSONNEL: RM

WORK DESCRIPTION/TITLE: _____

TIME	ACTIVITIES
1310	~~onsite~~ Mob onsite
	Total Flow = 58 CFM (totalizer)
1340	Sample Effluent
	PID reading = 0 ppm
1335	Sample Influent
	PID reading =
	* Client needs empty steel drum for Absorbent material, will pick-up drum and bring out to him
	* Drum Delivered
1435	Return to shop / unload
	COC + Ship Samples

BILLABLE HOURS:

Approved By: _____ Project Manager/Supervisor: _____

Advanced
GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95205 (209) 467-1006 Fax (209) 467-1118

Ground Water Depth & Dissolved Oxygen Field Log

Project: MBP- LINDEN Date: 7/11/05

Field Personnel: CT Page: 1 of 1

Well I.D.	Time	Casing Elevation	Depth To Water	Ground Water Elevation	Actual Depth	Screened Depth	Dissolved Oxygen		
							mg/l	%	°C
MW-1	0817	45.28	91.07		99.40	100			
MW-2	0821	45.29	90.88		99.35	100			
MW-3	0825	45.23	90.74		99.45	100			
DW-1		45.73							

Advanced GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95215

FIELD ACTIVITY LOG

PROJECT: MBP LINEN PROJECT TYPE: GM DATE: 7/11/03

SITE ADDRESS: _____ FIELD PERSONNEL: CT

WORK DESCRIPTION/TITLE: _____

TIME	ACTIVITIES
0730	MEP & Land
0757	MOB to Site
0821	on site SETUP Decon & Get D+W's
0827	Begin to Purge & Sample
	Well ID | Begin | Purge | Sample
	MW1 | 0835 | — | 0854
	MW2 | 0905 | — | 0922
	MW3 | 0930 | — | 0947
0957	Clean up
1011	MOB to Shop
1030	Finished

BILLABLE HOURS:

Approved By: _____ Project Manager/Supervisor: _____

Advanced GeoEnvironmental, Inc.
837 Shaw Road, Stockton, CA 95215

FIELD ACTIVITY LOG

PROJECT: MBP-LINDEN PROJECT TYPE: QM DATE: 4/12/05

SITE ADDRESS: _____ FIELD PERSONNEL: CT

WORK DESCRIPTION/TITLE: _____

TIME	ACTIVITIES
0700	Prep & Load
0739	Mob to Site
0745	on site open well's & Get DTW's
0830	Begin to Purge & Sample

Well ID	Begin	Purge	Sample
MW1	0837	—	0959
MW2	0857	—	1011
MW3	0925	—	0946

1017	Cleanup & Empty 1 x 0. Drum
1032	Mob to Shop
1038	At Shop unload & Filling
115	Finished
	0920 Mungro on Site

BILLABLE HOURS:

Approved By: _____ Project Manager/Supervisor: _____

Advanced
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837 Shaw Road, Stockton, CA 95205 • (209) 467-1006 • Fax (209) 467-1118

Monitoring Well Field Log

Well Data

Project Name: MBP-LINDEN			Project No.: *AGE-NC*-99-0645		Date: 4/12/05
Pre-Purge DTW: 87.44	Time: 0159		Well I.D.: MW 1		
Post-Purge DTW: 88.02	Time: 0854				
Total Depth of Well: 100.70	Well Volume: 2.12		Casing Diameter:	0.5"	(2") 4" 6"
			Gal./Ft.:	0.01074	0.16 0.65 1.47
Sampler(s): CT			Sample Containers: 1 Amber Liter & 3 VOAS		
Sample I.D.: MW 1 / 041205			Analysis: TPH-g / TPH-d / BTEX / OXYS		

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm X 100	Color/ Turbidity	Notes
0837	0	6.45	20.5	550	clear	no odor
0842	2.5	6.52	20.6	526	cloudy	"
0848	4.5	6.60	20.7	521	"	"
0853	6.5	6.63	20.8	517		
	-Wait for regulator to sample					

Purge Method:	DISPOSABLE BAILER		
Sample Method:	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	0959	Dissolved O_2:	C
ICM	Oakton	%	mg/L

Advanced
GeoEnvironmental, Inc.
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Monitoring Well Field Log

Well Data

Project Name: MBP-LINDEN			Project No.: *AGE-NC*-99-0645		Date: 4/12/05
Pre-Purge DTW: 87.21	Time: 0806		Well I.D.: MW2		
Post-Purge DTW: 87.68	Time: 0912				
Total Depth of Well: 101.25	Well Volume: 2.24		Casing Diameter:	0.5"	(2") 4" 6"
			Gal./Ft.:	0.01074	0.16 0.65 1.47
Sampler(s): CT			Sample Containers: 1 Amber Liter & 3 VOAS		
Sample I.D.: MW2 / 041205			Analysis: TPH-g / TPH-d / BTEX / OXYS		

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm X 100	Color/ Turbidity	Notes
0857	0	6.89	20.4	4666	Clear	NO odor
0902	2.5	6.56	20.6	4660	Cloudy	"
0907	5	6.59	20.7	447	"	"
0911	7	6.55	20.7	458	"	"
	-WAIT FOR Regulator TO SAMPLE					

Purge Method:	DISPOSABLE BAILER		
Sample Method:	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	1011	Dissolved O_2:	C
ICM	Oakton	%	mg/L

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Monitoring Well Field Log

Well Data

Project Name: MBP-LINDEN		Project No.: *AGE-NC*-99-0645	Date: 4/12/05
Pre-Purge DTW: 87.14	Time: 0811	Well I.D.: MW3	
Post-Purge DTW: 87.14	Time: 0942		
Total Depth of Well: 100.10	Well Volume: 2.07	Casing Diameter: 0.5" (2") 4" 6"	
		Gal./Ft.: 0.01074 0.16 0.65 1.47	
Sampler(s): CT		Sample Containers: 1 Amber Liter & 3 VOAS	
Sample I.D.: MW3 / 041205		Analysis: TPH-g / TPH-d / BTEX / OXYS	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm X 100	Color/ Turbidity	Notes
0925	0	6.64	20.0	371	Clear	no odor
0931	2.5	6.62	19.9	442	"	"
0936	4.5	6.69	19.9	443	"	"
0940	6.5					

Purge Method:	DISPOSABLE BAILER		
Sample Method:	DISPOSABLE BAILER	Well Integrity:	
Sample Time:	0946	Dissolved O_2:	C
ICM	Oakton	%	mg/L

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Monitoring Well Field Log

Well Data

Project Name: MBP-LINDEN		Project No.: *AGE-NC*-99-0645	Date: 7/11/05
Pre-Purge DTW: 91.07	Time: 0817	Well I.D.: MW-1	
Post-Purge DTW: 91.42	Time: 0851		
Total Depth of Well: 99.40	Well Volume: 1.33	Casing Diameter: 0.5" / 2" / 4" / 6"	
		Gal./Ft.: 0.01074 / 0.16 / 0.65 / 1.47	
Sampler(s): CT		Sample Containers: 1 Amber Liter & 3 VOAS	
Sample I.D.: MW-1 /071105		Analysis: TPH-g / TPH-d / BTEX / OXYS	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm X 100	Color/ Turbidity	Notes
0839	0	6.43	21.4	1031	Clear	Water
0843	1.5	6.50	20.9	1037	Cloudy	"
0847	3	6.55	20.8	1045	"	"
0850	5	6.59	20.6	1072	"	"

Purge Method:	Disp. Bailer		
Sample Method:	Same	Well Integrity:	
Sample Time:	0854	Dissolved O_2:	C
ICM	Oakton	%	mg/L

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Monitoring Well Field Log

Well Data

Project Name: MBP-LINDEN		Project No.: *AGE-NC*-99-0645	Date: 7/11/05
Pre-Purge DTW: 90.88	Time: 0821	Well I.D.: MW-2	
Post-Purge DTW: 91.02	Time: 0918		
Total Depth of Well: 99.35	Well Volume: 1.35	Casing Diameter: 0.5" / 2" / 4" / 6"	
		Gal./Ft.: 0.01074 / 0.16 / 0.65 / 1.47	
Sampler(s): CT		Sample Containers: 1 Amber Liter & 3 VOAS	
Sample I.D.: MW-2/071105		Analysis: TPH-g / TPH-d / BTEX / OXYS	

Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm X 100	Color/ Turbidity	Notes
0905	0	6.41	21.0	6.03	Clear	no odor
0909	1.5	6.46	20.7	6.23	Cloudy	"
0913	3	6.38	20.6	6.39	"	"
0917	4.5	6.41	20.4	6.41	"	"

Purge Method:	DISP. Bailer		
Sample Method:	Same	Well Integrity:	
Sample Time:	0922	Dissolved O_2:	C
ICM	Oakton	%	mg/L

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Monitoring Well Field Log

Well Data

Project Name: MBP-LINDEN		Project No.: *AGE-NC*-99-0645	Date: 7/11/05
Pre-Purge DTW: 90.74	Time: 0825	Well I.D.: MW-3	
Post-Purge DTW: 90.96	Time: 0943		
Total Depth of Well: 99.45	Well Volume: 1.39	Casing Diameter: 0.5" / 2" / 4" / 6"	
		Gal./Ft.: 0.01074 / 0.16 / 0.65 / 1.47	
Sampler(s): CT		Sample Containers: 1 Amber Liter & 3 VOAS	
Sample I.D.: MW-3 /071105		Analysis: TPH-g / TPH-d / BTEX / OXYS	

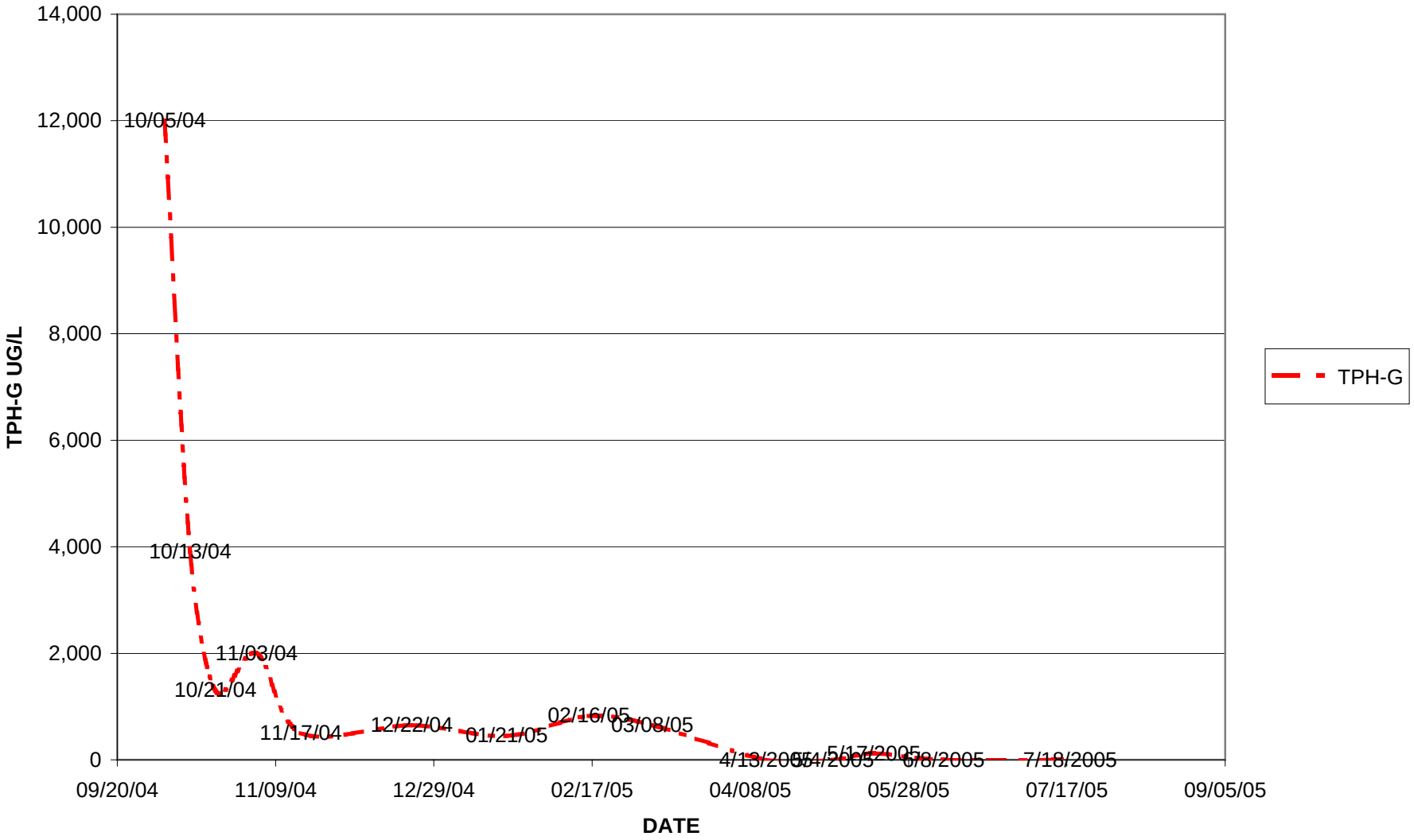
Stabilization Data

Time	Volume (gallons)	pH	Temp.	Cond µS/cm X 100	Color/ Turbidity	Notes
0930	0	6.69	20.9	650	Cloudy	no odor
0934	1.5	6.71	20.7	652	"	"
0938	3	6.74	20.7	660	"	"
0942	4.5	6.79	20.4	667	"	"

Purge Method:	Disp. Bailer		
Sample Method:	Same	Well Integrity:	
Sample Time:	0947	Dissolved O_2:	C
ICM	Oakton	%	mg/L

APPENDIX C

SOIL VAPOR EXTRACTION TREND



CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

ANALYTICAL RESULTS*

CTEL Project No: CT214-0504131
Client Name: Advanced Geo Environmental, Inc.
837 Shaw Road
Stockton, CA 95215
Phone:(209) 467-1006
Fax: (209) 467-1118
Attention: Mr. Bill Little

Project ID: Global ID: T0607700895
Project Name: MBP – Linden SVE

Date Sampled: 04/13/05 @ 10:39 am
Date Received: 04/14/05 @ 09:00 am
Date Analyzed 04/14/05
Matrix: Air

Laboratory ID:	0504-131-1	0504-131-2	**Method**	**Units:**	**Detection Limit**
Client Sample ID:	Influent-V	Effluent-V			
Dilution	1	1			
MtBE	ND	ND	SW846 8260B	ug/L	0.5
Benzene	ND	ND	SW846 8260B	ug/L	0.5
Toluene	ND	ND	SW846 8260B	ug/L	0.5
Ethylbenzene	ND	ND	SW846 8260B	ug/L	0.5
Total Xylene	ND	ND	SW846 8260B	ug/L	1
TPH - Gasoline	ND	ND	EPA 8015M	ug/L	50

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY		Control Limit
Dibromofluoromethane	91	98	70-130
1,2 Dichloroethaned4	84	99	70-130
Toluene-d8	100	119	70-130
Bromofluorobenzene	91	91	70-130

Greg Tejirian
Laboratory Director

*The results are base upon the sample received.

Cal Tech Environmental Laboratories, Inc. ELAP ID #: 2424

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8015M

Matrix: Water

Date Analyzed: 4/14/05

Date Extracted: 4/14/05

Perimeters	Conc. ug/L		Spike Added	Recovery %		Control Limits		RPD
	LCS	LCSD		LCS	LCSD	Rec.	RPD	
TPH - Gasoline	966	1025	1000	97	102	70-130	20	5

Perimeters	Method Blank	Units	Det. Limit
TPH - Gasoline	ND	ug/L	50

LCS: Laboratory Control Standard
LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8260B

Matrix: Water

Date Analyzed: 4/14/05

Date Extracted: 4/14/05

Perimeters	Conc.	ug/L	Spike	Recovery	%	Control	Limits	RPD
	LCS	LCSD	Added	LCS	LCSD	Rec.	RPD	
1,1-Dichloroethene	41	42	50	82	84	70-130	20	2
Benzene	44	47	50	88	94	70-130	20	6
Trichloroethene	45	46	50	90	92	70-130	20	2
Toluene	45	48	50	90	96	70-130	20	6
Chlorobenzene	46	46	50	92	92	70-130	20	0
m,p-Xylenes	86	89	100	86	89	70-130	20	3

LCS: Laboratory Control Standard
LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

Perimeters	Method Blank	Units	Det. Limit
1,1-Dichloroethene	ND	ug/L	1
Benzene	ND	ug/L	0.5
Trichloroethene	ND	ug/L	0.5
Toluene	ND	ug/L	0.5
Chlorobenzene	ND	ug/L	0.5
m,p-Xylenes	ND	ug/L	0.6
MTBE	ND	ug/L	1
TBA	ND	ug/L	10
DIPE	ND	ug/L	1
ETBE	ND	ug/L	1
TAME	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	0.5
EDB	ND	ug/L	0.5
Ethylbenzene	ND	ug/L	0.5
o-Xylene	ND	ug/L	0.6
Ethanol	ND	ug/L	50
Methanol	ND	ug/L	1000

Advanced
GeoEnvironmental, Inc.
837 Shaw Road - Stockton, California - 95215 - (209) 467-1006 - Fax (209) 467-1118

CHAIN OF CUSTODY RECORD

Date 4/13/05 Page 1 of 1

04-131

Client Mel Bokides Petro.

Project Manager Bill Little

Phone Number (209) 467 1006

Samplers: (Signature) Rick May

Project Name MBP/Linden

Invoice: AGE ☒ Client ☐

Sample Number	Location Description	Date	Time	Sample Type: Water Comp.	Water Grab.	Air	Solid	No. of Conts.	TPH-G	BTEX/MTBE							Notes
Influent/Vapor		4/13/05	1039			X		1	X	X							
Effluent/Vapor		4/13/05	1034			X		1	X	X							

Relinquished by: (Signature) Rick May — Received by: (Signature) — Date/Time 4/13/05 1600

Relinquished by: (Signature) — Received by: (Signature) — Date/Time

Relinquished by: (Signature) — Received by Mobile Laboratory for field analysis: (Signature) — Date/Time

Dispatched by: (Signature) — Date/Time — Received for Laboratory by: R. Ly Thurlow START — Date/Time 4-14-05 / 9:00

Method of Shipment: Cal Overnight — Laboratory Name Cal Tech

Special Instructions: — I hereby authorize the performance of the above indicated work. Rick May

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

ANALYTICAL RESULTS*

CTEL Project No: CT214-0505044
Client Name: Advanced Geo Environmental, Inc.
837 Shaw Road
Stockton, CA 95215
Phone:(209) 467-1006
Fax: (209) 467-1118
Attention: Mr. Bill Little

Project ID: Global ID: T0607700895
Project Name: MBP – Linden

Date Sampled: 05/04/05 @ 13:21 p.m.
Date Received: 05/05/05 @ 08:50 am
Date Analyzed 05/05/05
Matrix: Air

Laboratory ID: / **Client Sample ID:** / **Dilution**	0505-044-1 Influent-V 1	0505-044-2 AFT-V 1	0505-044-3 Effluent-V 1	**Method**	**Units:**	**Detection Limit**
MtBE	5.1	ND	ND	SW846 8260B	ug/L	0.5
Benzene	ND	ND	ND	SW846 8260B	ug/L	0.5
Toluene	ND	ND	ND	SW846 8260B	ug/L	0.5
Ethylbenzene	ND	ND	ND	SW846 8260B	ug/L	0.5
Total Xylene	ND	ND	ND	SW846 8260B	ug/L	1
TPH - Gasoline	ND	ND	ND	EPA 8015M	ug/L	50

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	98	95	102	70-130
1,2 Dichloroethaned4	99	80	98	70-130
Toluene-d8	100	99	90	70-130
Bromofluorobenzene	96	95	97	70-130

Greg Tejirian
Laboratory Director

*The results are base upon the sample received.

Cal Tech Environmental Laboratories, Inc. ELAP ID #: 2424

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8015M

Matrix: Water

Date Analyzed: 5/5/05

Date Extracted: 5/5/05

Perimeters	Conc. ug/L		Spike Added	Recovery %		Control Limits		RPD
	LCS	LCSD		LCS	LCSD	Rec.	RPD	
TPH - Gasoline	1061	1033	1000	106	103	70-130	20	3
TPH - Diesel	2062	2045	2000	103	101	70-130	20	2

Perimeters	Method Blank	Units	Det. Limit
TPH - Gasoline	ND	ug/L	50
TPH - Diesel	ND	ug/L	50

LCS: Laboratory Control Standard
LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8260B

Matrix: Water

Date Analyzed: 5/5/05

Date Extracted: 5/5/05

Perimeters	Conc. ug/L		Spike Added	Recovery %		Control Limits		RPD
	LCS	LCSD		LCS	LCSD	Rec.	RPD	
1,1-Dichloroethene	44	44	50	88	88	70-130	20	0
Benzene	40	40	50	80	80	70-130	20	0
Trichloroethene	44	43	50	88	86	70-130	20	2
Toluene	47	48	50	94	96	70-130	20	2
Chlorobenzene	53	52	50	106	104	70-130	20	2
m,p-Xylenes	116	112	100	116	112	70-130	20	4

LCS: Laboratory Control Standard
LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

Perimeters	Method Blank	Units	Det. Limit
1,1-Dichloroethene	ND	ug/L	1
Benzene	ND	ug/L	0.5
Trichloroethene	ND	ug/L	0.5
Toluene	ND	ug/L	0.5
Chlorobenzene	ND	ug/L	0.5
m,p-Xylenes	ND	ug/L	0.6
MTBE	ND	ug/L	1
TBA	ND	ug/L	10
DIPE	ND	ug/L	1
ETBE	ND	ug/L	1
TAME	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	0.5
EDB	ND	ug/L	0.5
Ethylbenzene	ND	ug/L	0.5
o-Xylene	ND	ug/L	0.6
TCE	ND	ug/L	0.5
PCE	ND	ug/L	0.5

CHAIN OF CUSTODY RECORD

Date 5/4/05 Page 1 of 1

05-044

Advanced
GeoEnvironmental, Inc.
837 Shaw Road - Stockton, California - 95215 - (209) 467-1006 - Fax (209) 467-1118

Client: Mel Bekides Petro

Project Manager: Bill Little

Phone Number: (209) 467 1006

Samplers: (Signature) Rick Mans

Project Name: MBP Linden

Invoice: AGE ☒ Client ☐

Sample Number	Location Description	Date	Time	Sample Type: Water Comp.	Water Grab.	Air	Solid	No. of Conts.	TPH-G	BTEX/MTBE							Notes
	Influent/Vapor	5/4/05	1321			X		1	X	X							
	AFT/Blower/vapor	↓	1326			X		1	X	X							
	Effluent/Vapor	↓	1330			X		1	X	X							

Relinquished by: (Signature) Rick Mans — Received by: (Signature) — Date/Time 5/4/05 1600

Relinquished by: (Signature) — Received by: (Signature) — Date/Time

Relinquished by: (Signature) — Received by Mobile Laboratory for field analysis: (Signature) — Date/Time

STAT

Dispatched by: (Signature) — Date/Time — Received for Laboratory by: Robert Lee — Date/Time 5/5/05 0850

Method of Shipment: Cal Overnight

Laboratory Name: Cal Tech

Special Instructions:

I hereby authorize the performance of the above indicated work.

Rick Mans

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

ANALYTICAL RESULTS*

CTEL Project No: CT214-0505162
Client Name: Advanced Geo Environmental, Inc.
837 Shaw Road
Stockton, CA 95215
Phone:(209) 467-1006
Fax: (209) 467-1118
Attention: Mr. Bill Little

Project ID: Global ID: T0607700895
Project Name: MBP – Linden

Date Sampled: 05/17/05 @ 11:55 am
Date Received: 05/18/05 @ 09:00 am
Date Analyzed 05/18/05
Matrix: Air

Laboratory ID:	0505-162-1	0505-162-2	**Method**	**Units:**	**Detection Limit**
Client Sample ID:	Influent-V	Effluent-V			
Dilution	1	1			
MtBE	11	ND	SW846 8260B	ug/L	0.5
Benzene	ND	ND	SW846 8260B	ug/L	0.5
Toluene	ND	ND	SW846 8260B	ug/L	0.5
Ethylbenzene	4.0	ND	SW846 8260B	ug/L	0.5
Total Xylene	7.3	ND	SW846 8260B	ug/L	1
TPH - Gasoline	120	ND	EPA 8015M	ug/L	50

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY		Control Limit
Dibromofluoromethane	120	122	70-130
1,2 Dichloroethaned4	120	124	70-130
Toluene-d8	116	112	70-130
Bromofluorobenzene	92	88	70-130

Greg Tejirian
Laboratory Director

*The results are base upon the sample received.

Cal Tech Environmental Laboratories, Inc. ELAP ID #: 2424

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8015M

Matrix: Water

Date Analyzed: 5/18/05

Date Extracted: 5/18/05

Perimeters	Conc. ug/L		Spike Added	Recovery %		Control Limits		RPD
	LCS	LCSD		LCS	LCSD	Rec.	RPD	
TPH - Gasoline	1089	1092	1000	109	109	70-130	20	0

Perimeters	Method Blank	Units	Det. Limit
TPH - Gasoline	ND	ug/L	50

LCS: Laboratory Control Standard
LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8260B

Matrix: Water

Date Analyzed: 5/18/05

Date Extracted: 5/18/05

Perimeters	Conc. ug/L		Spike	Recovery %		Control Limits		RPD
	LCS	LCSD	Added	LCS	LCSD	Rec.	RPD	
1,1-Dichloroethene	56	53	50	112	106	70-130	20	6
Benzene	47	50	50	94	100	70-130	20	6
Trichloroethene	45	47	50	90	94	70-130	20	4
Toluene	50	55	50	100	110	70-130	20	10
Chlorobenzene	55	61	50	110	122	70-130	20	12
m,p-Xylenes	115	121	100	115	121	70-130	20	6

LCS: Laboratory Control Standard
LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

Perimeters	Method Blank	Units	Det. Limit
1,1-Dichloroethene	ND	ug/L	1
Benzene	ND	ug/L	0.5
Trichloroethene	ND	ug/L	0.5
Toluene	ND	ug/L	0.5
Chlorobenzene	ND	ug/L	0.5
m,p-Xylenes	ND	ug/L	0.6
MTBE	ND	ug/L	1
TBA	ND	ug/L	10
DIPE	ND	ug/L	1
ETBE	ND	ug/L	1
TAME	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	0.5
EDB	ND	ug/L	0.5
Ethylbenzene	ND	ug/L	0.5
o-Xylene	ND	ug/L	0.6
TCE	ND	ug/L	1
PCE	ND	ug/L	1
Ethanol	ND	ug/L	1

05-162

CHAIN OF CUSTODY RECORD

Date 5/17/05 Page 1 of 1

Advanced
GeoEnvironmental, Inc.
837 Shaw Road - Stockton, California - 95215 - (209) 467-1006 - Fax (209) 467-1118

Client: Mel Bakides Petro.

Project Manager: Bill Little

Phone Number: (209) 467 1006

Samplers: (Signature) Rick May

Project Name: MBP / Linden

Invoice: AGE ☑ Client ☐

Tests Required: TPH-G, BTEX/MTBE

Sample Number	Location Description	Date	Time	Sample Type: Water Comp.	Water Grab.	Air	Solid	No. of Conts.	TPH-G	BTEX/MTBE	Notes
Influent/Vapor		5/17/05	1155			X		1	X	X	
Effluent/Vapor		5/17/05	1150			X		1	X	X	

Relinquished by: (Signature) Rick May — Received by: (Signature) — Date/Time 5/17/05 1600

Relinquished by: (Signature) — Received by: (Signature) — Date/Time

Relinquished by: (Signature) — Received by Mobile Laboratory for field analysis: (Signature) — STAT — Date/Time

Dispatched by: (Signature) — Date/Time — Received for Laboratory by: GREET — Date/Time 5/18/05 9:00

Method of Shipment: Cal Overnight — Laboratory Name: Cal Tech

Special Instructions: — I hereby authorize the performance of the above indicated work. Rick May

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue. Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

ANALYTICAL RESULTS*

CTEL Project No: CT214-0506081
Client Name: Advanced Geo Environmental, Inc.
837 Shaw Road
Stockton, CA 95215
Phone:(209) 467-1006
Fax: (209) 467-1118
Attention: Mr. Bill Little

Project ID: Global ID: T0607700895
Project Name: MBP – Linden

Date Sampled: 06/08/05 @ 13:35 p.m.
Date Received: 06/09/05 @ 08:30 am
Date Analyzed 06/09/05
Matrix: Air

Laboratory ID:	0506-081-1	0506-081-2	**Method**	**Units:**	**Detection Limit**
Client Sample ID:	Influent-V	Effluent-V			
Dilution	1	1			
MtBE	ND	ND	SW846 8260B	ug/L	0.5
Benzene	ND	ND	SW846 8260B	ug/L	0.5
Toluene	ND	ND	SW846 8260B	ug/L	0.5
Ethylbenzene	ND	ND	SW846 8260B	ug/L	0.5
Total Xylene	ND	ND	SW846 8260B	ug/L	1
TPH - Gasoline	ND	ND	EPA 8015M	ug/L	50

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY		Control Limit
Dibromofluoromethane	120	123	70-130
1,2 Dichloroethaned4	123	126	70-130
Toluene-d8	98	101	70-130
Bromofluorobenzene	79	83	70-130

R Tajhwar for
Greg Tejirian
Laboratory Director

*The results are base upon the sample received.

Cal Tech Environmental Laboratories, Inc. ELAP ID #: 2424

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8015M

Matrix: Water

Date Analyzed: 6/9/05

Date Extracted: 6/9/05

Perimeters	Conc. ug/L		Spike	Recovery %		Control Limits		RPD
	LCS	LCSD	Added	LCS	LCSD	Rec.	RPD	
TPH - Gasoline	1170	1160	1000	117	116	70-130	20	1

Perimeters	Method Blank	Units	Det. Limit
TPH - Gasoline	ND	ug/L	50

LCS: Laboratory Control Standard
LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8260B

Matrix: Water

Date Analyzed: 6/9/05

Date Extracted: 6/9/05

Perimeters	Conc. ug/L		Spike Added	Recovery %		Control Limits		RPD
	LCS	LCSD		LCS	LCSD	Rec.	RPD	
1,1-Dichloroethene	45	46	50	90	92	70-130	20	2
Benzene	52	51	50	104	102	70-130	20	2
Trichloroethene	43	42	50	86	84	70-130	20	2
Toluene	50	50	50	100	100	70-130	20	0
Chlorobenzene	53	54	50	106	108	70-130	20	2
m,p-Xylenes	112	113	100	112	113	70-130	20	1

LCS: Laboratory Control Standard
LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

Perimeters	Method Blank	Units	Det. Limit
1,1-Dichloroethene	ND	ug/L	1
Benzene	ND	ug/L	0.5
Trichloroethene	ND	ug/L	0.5
Toluene	ND	ug/L	0.5
Chlorobenzene	ND	ug/L	0.5
m,p-Xylenes	ND	ug/L	0.6
MTBE	ND	ug/L	1
TBA	ND	ug/L	10
DIPE	ND	ug/L	1
ETBE	ND	ug/L	1
TAME	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	0.5
EDB	ND	ug/L	0.5
Ethylbenzene	ND	ug/L	0.5
o-Xylene	ND	ug/L	0.6
TCE	ND	ug/L	1
PCE	ND	ug/L	1

Advanced
GeoEnvironmental, Inc.
837 Shaw Road - Stockton, California - 95215 - (209) 467-1006 - Fax (209) 467-1118

CHAIN OF CUSTODY RECORD

Date 6/8/05 Page 1 of 1

06-051

Client Mel Bakkes Petro.

Project Manager Bill Little

Phone Number (209) 467 1006

Samplers: (Signature) Rick Manz

Project Name MBP/Linden

Invoice: AGE ☑ Client ☐

Sample Number	Location Description	Date	Time	Sample Type: Water Comp.	Sample Type: Water Grab.	Sample Type: Air	Solid	No. of Conts.	TPH-G	BTEX/MTBE							Notes
Influent / vapor		6/8/05	1335			+		1	X	X							
Effluent/vapor		6/8/05	1340			+		1	X	X							

Relinquished by: (Signature) Rick Manz — Received by: (Signature) — Date/Time 1600

Relinquished by: (Signature) — Received by: (Signature) — Date/Time

Relinquished by: (Signature) — Received by Mobile Laboratory for field analysis: (Signature) — Date/Time

Dispatched by: (Signature) — Date/Time — Received for Laboratory by: R. Taylor — Date/Time 6-9-05 / 8:30

Method of Shipment: Cal Overnight — Laboratory Name Cal Tech

Special Instructions: STAT

I hereby authorize the performance of the above indicated work. Rick Manz

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

ANALYTICAL RESULTS*

CTEL Project No: CT214-0507105
Client Name: Advanced Geo Environmental, Inc.
837 Shaw Road
Stockton, CA 95215
Phone:(209) 467-1006
Fax: (209) 467-1118
Attention: Mr. Bill Little

Project ID: Global ID: T0607700895
Project Name: MBP – Linden

Date Sampled: 07/18/05 @ 13:44 p.m.
Date Received: 07/19/05 @ 09:00 am
Date Analyzed 07/19/05
Matrix: Air

Laboratory ID:	0507-105-1	0507-105-2	**Method**	**Units:**	**Detection Limit**
Client Sample ID:	Influent-V	Effluent-V			
Dilution	1	1			
MtBE	ND	ND	SW846 8260B	ug/L	0.5
Benzene	ND	ND	SW846 8260B	ug/L	0.5
Toluene	ND	ND	SW846 8260B	ug/L	0.5
Ethylbenzene	ND	ND	SW846 8260B	ug/L	0.5
Total Xylene	ND	ND	SW846 8260B	ug/L	1
TPH - Gasoline	ND	ND	EPA 8015M	ug/L	50

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY		Control Limit
Dibromofluoromethane	99	91	70-130
1,2 Dichloroethaned4	121	119	70-130
Toluene-d8	115	99	70-130
Bromofluorobenzene	107	111	70-130

R. Tejirian

Greg Tejirian
Laboratory Director

*The results are base upon the sample received.

Cal Tech Environmental Laboratories, Inc. ELAP ID #: 2424

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue. Paramount. CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8015M

Matrix: Water

Date Analyzed: 7/19/05

Date Extracted: 7/19/05

Perimeters	Conc. ug/L		Spike Added	Recovery %		Control Limits		RPD
	LCS	LCSD		LCS	LCSD	Rec.	RPD	
TPH - Gasoline	992	918	1000	99	92	70-130	20	8

Perimeters	Method Blank	Units	Det. Limit
TPH - Gasoline	ND	ug/L	50

LCS: Laboratory Control Standard
LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8260B

Matrix: Water

Date Analyzed: 7/19/05

Date Extracted: 7/19/05

Perimeters	Conc. ug/L		Spike Added	Recovery %		Control Limits		RPD
	LCS	LCSD		LCS	LCSD	Rec.	RPD	
1,1-Dichloroethene	43	44	50	86	88	70-130	20	2
Benzene	47	48	50	94	96	70-130	20	2
Trichloroethene	49	48	50	98	96	70-130	20	2
Toluene	50	51	50	100	102	70-130	20	2
Chlorobenzene	49	51	50	98	102	70-130	20	4
m,p-Xylenes	98	103	100	98	103	70-130	20	5

LCS: Laboratory Control Standard
LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

Perimeters	Method Blank	Units	Det. Limit
1,1-Dichloroethene	ND	ug/L	1
Benzene	ND	ug/L	0.5
Trichloroethene	ND	ug/L	0.5
Toluene	ND	ug/L	0.5
Chlorobenzene	ND	ug/L	0.5
m,p-Xylenes	ND	ug/L	0.6
MTBE	ND	ug/L	1
TBA	ND	ug/L	10
DIPE	ND	ug/L	1
ETBE	ND	ug/L	1
TAME	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	0.5
EDB	ND	ug/L	0.5
Ethylbenzene	ND	ug/L	0.5
o-Xylene	ND	ug/L	0.6
TCE	ND	ug/L	0.5
PCE	ND	ug/L	0.5

Advanced
GeoEnvironmental, Inc.
837 Shaw Road - Stockton, California - 95215 - (209) 467-1006 - Fax (209) 467-1118

07-105

CHAIN OF CUSTODY RECORD

Date 7/18/05 Page 1 of 1

Client: Mel Bokides Retro.

Project Manager: Bill Little

Phone Number: (209) 467 1006

Samplers: (Signature)

Project Name: MBP / Linden

Invoice: AGE ☑ Client ☐

Tests Required: TPH-G, BTEX / MTBE

Sample Number	Location Description	Date	Time	Sample Type: Water Comp.	Water Grab.	Air	Solid	No. of Conts.	TPH-G	BTEX / MTBE	Notes
Influent / Vapor		7/18/05	1344			X		1	X	X	
Effluent / Vapor		7/18/05	1350			X		1	X	X	

Relinquished by: (Signature)

Received by: (Signature)

Date/Time: 7/18/05 1600

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by Mobile Laboratory for field analysis: (Signature)

Date/Time

Dispatched by: (Signature)

Date/Time

Received for Laboratory by: SOAT

Date/Time: 7/19/05 0900

Method of Shipment: Cal Overnight

Laboratory Name: Cal Tech

Special Instructions:

I hereby authorize the performance of the above indicated work.

APPENDIX D

Appendix D
Soil-Vapor Extraction Volume-Mass Calculations
Former Mel Bokides Petroleum - Linden
8203 East Highway 26, Stockton, California

The hydrocarbon mass removed during the operating period can be calculated using the following equation: $M = C \bullet Q \bullet t$

where: M = cumulative mass recovered (kg)
C = vapor concentration (kg/m^3)
Q = extraction flow rate (m^3/hr)
t = operational period (hrs)

The calculations for the determination of volume and mass of hydrocarbons removed over the reporting period are provided below:

03-17-05 to 04-13-05

using: C_{vapor} = (650+<50 µg/l [50]) ÷ 2 = 350 micrograms per liter
converted to 0.00035 kg/m^3
Q = 85 scfm (average) x 1.69 = 143 m^3/hr
t = 504 hours (sum of known operation)

0.00035 kg/m^3 • 143 m^3/hr • 504 hours = 25.2 kg gasoline
25.2 kg gasoline • 2.205 lbs/kg = 55.6 lbs gasoline
to convert lbs gasoline to gallons gasoline, use 0.16 gal/lb:
55.6 lbs • 0.16 gal/lb = 8.89 gallons of gasoline

05-04-05 to 06-08-05

using: C_{vapor} = (120 µg/l) ÷ 2 = 60 micrograms per liter
converted to 0.00006 kg/m^3
Q = 63 scfm (average) X 1.69 = 107 m^3/hr
t = 768 hours (sum of known operation)

0.00006 kg/m^3 • 107 m^3/hr • 768 hours = 4.9 kg gasoline
4.9 kg gasoline • 2.205 lbs/kg = 10.8 lbs gasoline
to convert lbs gasoline to gallons gasoline, use 0.16 gal/lb:
10.8 lbs • 0.16 gal/lb = 1.73 gallons of gasoline

Approximately 30.1 kg (66.4 pounds), or 10.62 gallons of hydrocarbons were extracted by the SVE system between March and June 2005. Approximately 1,204 lbs, or 192 gallons, of gasoline were extracted by the SVE system since 05 October 2004.

APPENDIX E

CAL TECH Environmental Laboratories

6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

ANALYTICAL RESULTS*

CTEL Project No: CT214-0504117
Client Name: Advanced Geo Environmental, Inc.
837 Shaw Road
Stockton, CA 95215

Phone:(209) 467-1006
Fax: (209) 467-1118

Attention: Mr. Bill Little

Project ID: Global ID: T0607700895
Project Name: MBP / Linden

Date Sampled: 04/12/05 @ 09:59 am
Date Received: 04/13/05 @ 08:55 am
Date Analyzed 04/13/05 – 04/14/05

Matrix: Water

Laboratory ID:	0504-117-1	0504-117-2	0504-117-3	Method	Units:	Detection Limit
Client Sample ID:	MW1	MW2	MW3			
Dilution	1	1	1			
TPH - Gasoline	ND	ND	ND	EPA 8015M	ug/L	50
TPH – Diesel	ND	ND	ND	EPA 8015M	ug/L	50
VOC, 8260B						
Dilution	1	1	1			
Methyl-tert-butyl-ether(MtBE)	ND	ND	ND	SW846 8260B	ug/L	1
t-Butyl Alcohol (TBA)	ND	ND	ND	SW846 8260B	ug/L	10
Diisopropyl Ether (DIPE)	ND	ND	ND	SW846 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND	ND	ND	SW846 8260B	ug/L	1
t-Amyl Methyl Ether (TAME)	ND	ND	ND	SW846 8260B	ug/L	1
1,2-Dichloroethane	ND	ND	ND	SW846 8260B	ug/L	0.5
1,2-Dibromoethane(EDB)	ND	ND	ND	SW846 8260B	ug/L	0.5
Benzene	ND	ND	ND	SW846 8260B	ug/L	0.5
Toluene	ND	ND	ND	SW846 8260B	ug/L	0.5
Ethylbenzene	ND	ND	ND	SW846 8260B	ug/L	0.5
m,p-Xylene	ND	ND	ND	SW846 8260B	ug/L	0.6
o-Xylene	ND	ND	ND	SW846 8260B	ug/L	0.6

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	80	79	78	70-130
1,2 Dichloroethaned4	113	121	129	70-130
Toluene-d8	125	125	124	70-130
Bromofluorobenzene	127	127	127	70-130

Greg Tejirian
Laboratory Director

*The results are base upon the sample received.

Cal Tech Environmental Laboratories, Inc. ELAP ID #: 2424

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8015M

Matrix: Water

Date Analyzed: 4/13/05

Date Extracted: 4/13/05

Perimeters	Conc. ug/L		Spike Added	Recovery %		Control Limits		RPD
	LCS	LCSD		LCS	LCSD	Rec.	RPD	
TPH - Gasoline	950	1010	1000	95	101	70-130	20	6
TPH - Diesel	1930	1970	2000	97	99	70-130	20	2

Perimeters	Method Blank	Units	Det. Limit
TPH - Gasoline	ND	ug/L	50
TPH - Diesel	ND	ug/L	50

LCS: Laboratory Control Standard
LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8260B

Matrix: Water

Date Analyzed: 4/13/05

Date Extracted: 4/13/05

Perimeters	Conc. ug/L		Spike	Recovery %		Control Limits		RPD
	LCS	LCSD	Added	LCS	LCSD	Rec.	RPD	
1,1-Dichloroethene	46	50	50	92	100	70-130	20	8
Benzene	51	51	50	102	102	70-130	20	0
Trichloroethene	50	51	50	100	102	70-130	20	2
Toluene	49	49	50	98	98	70-130	20	0
Chlorobenzene	48	54	50	96	108	70-130	20	12
m,p-Xylenes	103	107	100	103	107	70-130	20	4

LCS: Laboratory Control Standard
LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

Perimeters	Method Blank	Units	Det. Limit
1,1-Dichloroethene	ND	ug/L	1
Benzene	ND	ug/L	0.5
Trichloroethene	ND	ug/L	0.5
Toluene	ND	ug/L	0.5
Chlorobenzene	ND	ug/L	0.5
m,p-Xylenes	ND	ug/L	0.6
MTBE	ND	ug/L	1
TBA	ND	ug/L	10
DIPE	ND	ug/L	1
ETBE	ND	ug/L	1
TAME	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	0.5
EDB	ND	ug/L	0.5
Ethylbenzene	ND	ug/L	0.5
o-Xylene	ND	ug/L	0.6
Ethanol	ND	ug/L	50
Methanol	ND	ug/L	1000

04-117

CHAIN OF CUSTODY RECORD

Date 4/12/05 Page 1 of 1

Advanced
GeoEnvironmental, Inc.
837 Shaw Road - Stockton, California - 95215 - (209) 467-1006 - Fax (209) 467-1118

Client: MelRokides

Project Manager: Bill Little

Phone Number: (209) 467-1006

Samplers: (Signature)

Project Name: MBP - Linden

Tests Required: TPH-G & D, BTEX, Oxygenates

Invoice: AGE ☒ Client ☐

Sample Number	Location Description	Date	Time	Sample Type: Water Comp.	Water Grab.	Air	Solid	No. of Conts.	TPH-G & D	BTEX	Oxygenates	Notes
MW1/041205	MW1	4/12/05	0959		X			4	X	X	X	
MW2	MW2	↓	1011		X			4	X	X	X	
MW3	MW3	↓	0946		X			4	X	X	X	

Relinquished by: (Signature)

Received by: (Signature)

Date/Time: 041205 1630

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by Mobile Laboratory for field analysis: (Signature)

Date/Time

STAT

Dispatched by: (Signature)

Date/Time

Received for Laboratory by:

Date/Time: 4/13/05 0855

Method of Shipment: Call overnight.

Laboratory Name: Cal Tech

Special Instructions: Need EDF

I hereby authorize the performance of the above indicated work.

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

ANALYTICAL RESULTS*

CTEL Project No: CT214-0507049
Client Name: Advanced Geo Environmental, Inc.
837 Shaw Road
Stockton, CA 95215
Phone:(209) 467-1006
Fax: (209) 467-1118
Attention: Mr. Bill Little

Project ID: Global ID: T0607700895
Project Name: MBP / Linden

Date Sampled: 07/11/05 @ 08:54 am
Date Received: 07/12/05 @ 09:00 am
Date Analyzed 07/12/05 – 07/13/05
Matrix: Water

Laboratory ID:	0507-049-1	0507-049-2	0507-049-3	**Method**	**Units:**	**Detection Limit**
Client Sample ID:	MW1	MW2	MW3			
Dilution	1	1	1			
TPH - Gasoline	ND	ND	ND	EPA 8015M	ug/L	50
TPH – Diesel	ND	ND	ND	EPA 8015M	ug/L	50
VOC, 8260B						
Dilution	1	1	1			
Methyl-tert-butyl-ether(MtBE)	ND	ND	ND	SW846 8260B	ug/L	1
t-Butyl Alcohol (TBA)	ND	ND	ND	SW846 8260B	ug/L	10
Diisopropyl Ether (DIPE)	ND	ND	ND	SW846 8260B	ug/L	1
Ethyl-t-butyl ether (ETBE)	ND	ND	ND	SW846 8260B	ug/L	1
t-Amyl Methyl Ether (TAME)	ND	ND	ND	SW846 8260B	ug/L	1
1,2-Dichloroethane	ND	ND	ND	SW846 8260B	ug/L	0.5
1,2-Dibromoethane(EDB)	ND	ND	ND	SW846 8260B	ug/L	0.5
Benzene	ND	ND	ND	SW846 8260B	ug/L	0.5
Toluene	ND	ND	ND	SW846 8260B	ug/L	0.5
Ethylbenzene	ND	ND	ND	SW846 8260B	ug/L	0.5
m,p-Xylene	ND	ND	ND	SW846 8260B	ug/L	0.6
o-Xylene	ND	ND	ND	SW846 8260B	ug/L	0.6

ND = Not Detected at the indicated Detection Limit

SURROGATE SPIKE	% SURROGATE RECOVERY			Control Limit
Dibromofluoromethane	106	113	108	70-130
1,2 Dichloroethaned4	112	113	112	70-130
Toluene-d8	98	99	101	70-130
Bromofluorobenzene	95	95	95	70-130

R. Tejhonbi Fr

Greg Tejirian
Laboratory Director

*The results are base upon the sample received.

Cal Tech Environmental Laboratories, Inc. ELAP ID #: 2424

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8015M

Matrix: Water

Date Analyzed: 7/12/05

Date Extracted: 7/12/05

Perimeters	Conc. ug/L		Spike Added	Recovery %		Control Limits		RPD
	LCS	LCSD		LCS	LCSD	Rec.	RPD	
TPH - Gasoline	1130	1190	1000	113	119	70-130	20	6
TPH - Diesel	2130	2095	2000	107	105	70-130	20	2

Perimeters	Method Blank	Units	Det. Limit
TPH - Gasoline	ND	ug/L	50
TPH - Diesel	ND	ug/L	50

LCS: Laboratory Control Standard
LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

CAL TECH Environmental Laboratories
6814 Rosecrans Avenue, Paramount, CA 90723-3146
Telephone: (562) 272-2700 Fax: (562) 272-2789

QA/QC Report

Method: 8260B

Matrix: Water

Date Analyzed: 7/12/05

Date Extracted: 7/12/05

Perimeters	Conc. ug/L		Spike	Recovery %		Control Limits		RPD
	LCS	LCSD	Added	LCS	LCSD	Rec.	RPD	
1,1-Dichloroethene	45	45	50	90	90	70-130	20	0
Benzene	53	50	50	106	100	70-130	20	6
Trichloroethene	43	42	50	86	84	70-130	20	2
Toluene	43	44	50	86	88	70-130	20	2
Chlorobenzene	42	41	50	84	82	70-130	20	2
m,p-Xylenes	108	106	100	108	106	70-130	20	2

LCS: Laboratory Control Standard
LCSD: Laboratory Control Standard Duplicate

RPD: Relative Percent Difference of LCS and LCSD

Perimeters	Method Blank	Units	Det. Limit
1,1-Dichloroethene	ND	ug/L	1
Benzene	ND	ug/L	0.5
Trichloroethene	ND	ug/L	0.5
Toluene	ND	ug/L	0.5
Chlorobenzene	ND	ug/L	0.5
m,p-Xylenes	ND	ug/L	0.6
MTBE	ND	ug/L	1
TBA	ND	ug/L	10
DIPE	ND	ug/L	1
ETBE	ND	ug/L	1
TAME	ND	ug/L	1
1,2-Dichloroethane	ND	ug/L	0.5
EDB	ND	ug/L	0.5
Ethylbenzene	ND	ug/L	0.5
o-Xylene	ND	ug/L	0.6
TCE	ND	ug/L	1
PCE	ND	ug/L	1

Advanced
GeoEnvironmental, Inc.
837 Shaw Road - Stockton, California - 95215 - (209) 467-1006 - Fax (209) 467-1118

CHAIN OF CUSTODY RECORD

Date 7/11/05 Page 1 of 1

07-049

Client MBP - All

Project Manager Bill Tobe

Phone Number (209) 467-1006

Samplers: (Signature)

Project Name MBP - London

Tests Required: TPH-D, BTEX+MTBE+Oxys, 1,2 DCA + EDB

Invoice: AGE ☒ Client ☐

Sample Number	Location Description	Date	Time	Sample Type: Water Comp.	Sample Type: Water Grab.	Sample Type: Air	Solid	No. of Conts.	Notes
MW1/07105	MW1	7/11/05	0854		X			4	
MW2	MW2		0922		X			4	
MW3	MW3		0949		X			4	

Relinquished by: (Signature)

Received by: (Signature)

Date/Time 07/05 1103

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by Mobile Laboratory for field analysis: (Signature)

STAT

Date/Time

Dispatched by: (Signature)

Date/Time

Received for Laboratory by: R. Taylor

Date/Time 7-12-05 9:00

Method of Shipment: Courier

Special Instructions: Need EDF

Laboratory Name: Cal Tech

I hereby authorize the performance of the above indicated work.

APPENDIX F

Electronic Submittal Information

Main Menu | View/Add Facilities | Upload EDD | Check EDD

Your EDF file has been successfully uploaded!

Confirmation Number: 3626609504
Date/Time of Submittal: 10/19/2005 2:52:49 PM
Facility Global ID: T0607700895
Facility Name: MBP LINDEN
Submittal Title: 2nd Qrt 2005
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

MBP LINDEN
8203 HWY 26 E
STOCKTON, CA 95206

Regional Board - Case #: 391080
CENTRAL VALLEY RWQCB (REGION 5S) - **(JLB)**
Local Agency (lead agency) - Case #: 000691
SAN JOAQUIN COUNTY LOP - **(ML)**

CONF #	TITLE	QUARTER
3626609504	2nd Qrt 2005	Q2 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Christopher Miller	10/19/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	3
# FIELD POINTS WITH DETECTIONS	0
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FAB,M8015
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FAB REQUIRES ETHANOL TO BE TESTED	
- 8260FAB REQUIRES XYLENES TO BE TESTED	
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	N
- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	N

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a

SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Electronic Submittal Information

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Confirmation Number: 3706064045
Date/Time of Submittal: 10/19/2005 2:55:21 PM
Facility Global ID: T0607700895
Facility Name: MBP LINDEN
Submittal Title: 3rd Qrt 2005
Submittal Type: GW Monitoring Report

Click here to view the detections report for this upload.

MBP LINDEN
8203 HWY 26 E
STOCKTON, CA 95206

Regional Board - Case #: 391080
CENTRAL VALLEY RWQCB (REGION 5S) - **(JLB)**
Local Agency (lead agency) - Case #: 000691
SAN JOAQUIN COUNTY LOP - **(ML)**

CONF #	TITLE	QUARTER
3706064045	3rd Qrt 2005	Q3 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Christopher Miller	10/19/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	3
# FIELD POINTS WITH DETECTIONS	0
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	WATER

METHOD QA/QC REPORT

METHODS USED	8260FAB,M8015
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FAB REQUIRES ETHANOL TO BE TESTED	
- 8260FAB REQUIRES XYLENES TO BE TESTED	
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	N
- SURROGATE SPIKE	Y

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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UPLOADING A GEO_WELL FILE

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Submittal Title:	**MBP LINDEN 2ND QRT 2005**
Submittal Date/Time:	**10/19/2005 3:01:46 PM**
Confirmation Number:	**4548492252**

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UPLOADING A GEO_WELL FILE

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Submittal Title:	**MBP LINDEN 3RD QRT 2005**
Submittal Date/Time:	**10/19/2005 3:11:07 PM**
Confirmation Number:	**2359800577**

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Confirmation Number: 1005892276
Date/Time of Submittal: 10/19/2005 3:23:34 PM
Facility Global ID: T0607700895
Facility Name: MBP LINDEN
Submittal Title: 04-13-05 REMEDATION VAPOR
Submittal Type: Remediation O & M Reports

Click here to view the detections report for this upload.

MBP LINDEN
8203 HWY 26 E
STOCKTON, CA 95206

Regional Board - Case #: 391080
CENTRAL VALLEY RWQCB (REGION 5S) - **(JLB)**
Local Agency (lead agency) - Case #: 000691
SAN JOAQUIN COUNTY LOP - **(ML)**

CONF #	TITLE	QUARTER
1005892276	04-13-05 REMEDATION VAPOR	Q2 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Christopher Miller	10/19/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	2
# FIELD POINTS WITH DETECTIONS	0
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	AIR - UNK. ORIGIN

METHOD QA/QC REPORT

METHODS USED	8260FAB,M8015
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FAB REQUIRES ETBE TO BE TESTED	
- 8260FAB REQUIRES TAME TO BE TESTED	
- 8260FAB REQUIRES DIPE TO BE TESTED	
- 8260FAB REQUIRES TBA TO BE TESTED	
- 8260FAB REQUIRES DCA12 TO BE TESTED	
- 8260FAB REQUIRES EDB TO BE TESTED	
- 8260FAB REQUIRES ETHANOL TO BE TESTED	
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	N
- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	N

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Confirmation Number: 3589436233
Date/Time of Submittal: 10/19/2005 3:50:56 PM
Facility Global ID: T0607700895
Facility Name: MBP LINDEN
Submittal Title: 05-04-2005 REMEDIATION VAPOR
Submittal Type: Remediation O & M Reports

Click here to view the detections report for this upload.

MBP LINDEN
8203 HWY 26 E
STOCKTON, CA 95206

Regional Board - Case #: 391080
CENTRAL VALLEY RWQCB (REGION 5S) - **(JLB)**
Local Agency (lead agency) - Case #: 000691
SAN JOAQUIN COUNTY LOP - **(ML)**

CONF #	TITLE	QUARTER
3589436233	05-04-2005 REMEDIATION VAPOR	Q2 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Christopher Miller	10/19/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	3
# FIELD POINTS WITH DETECTIONS	1
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	AIR - UNK. ORIGIN

METHOD QA/QC REPORT

METHODS USED	8260FAB,M8015
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FAB REQUIRES ETBE TO BE TESTED	
- 8260FAB REQUIRES TAME TO BE TESTED	
- 8260FAB REQUIRES DIPE TO BE TESTED	
- 8260FAB REQUIRES TBA TO BE TESTED	
- 8260FAB REQUIRES DCA12 TO BE TESTED	
- 8260FAB REQUIRES EDB TO BE TESTED	
- 8260FAB REQUIRES ETHANOL TO BE TESTED	
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	N
- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	N

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Confirmation Number: 8970614850
Date/Time of Submittal: 10/19/2005 3:37:55 PM
Facility Global ID: T0607700895
Facility Name: MBP LINDEN
Submittal Title: 05-17-2005 remediation vapor
Submittal Type: Remediation O & M Reports

Click here to view the detections report for this upload.

MBP LINDEN
8203 HWY 26 E
STOCKTON, CA 95206

Regional Board - Case #: 391080
CENTRAL VALLEY RWQCB (REGION 5S) - **(JLB)**
Local Agency (lead agency) - Case #: 000691
SAN JOAQUIN COUNTY LOP - **(ML)**

CONF #	TITLE	QUARTER
8970614850	05-17-2005 remediation vapor	Q2 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Christopher Miller	10/19/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	2
# FIELD POINTS WITH DETECTIONS	1
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	1
SAMPLE MATRIX TYPES	AIR - UNK. ORIGIN

METHOD QA/QC REPORT

METHODS USED	8260FAB,M8015
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FAB REQUIRES ETBE TO BE TESTED	
- 8260FAB REQUIRES TAME TO BE TESTED	
- 8260FAB REQUIRES DIPE TO BE TESTED	
- 8260FAB REQUIRES TBA TO BE TESTED	
- 8260FAB REQUIRES DCA12 TO BE TESTED	
- 8260FAB REQUIRES EDB TO BE TESTED	
- 8260FAB REQUIRES ETHANOL TO BE TESTED	
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	N
- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	N

SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	Y
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

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Confirmation Number: 6310656905
Date/Time of Submittal: 10/19/2005 3:39:49 PM
Facility Global ID: T0607700895
Facility Name: MBP LINDEN
Submittal Title: 06-08-2005 remediation vapor
Submittal Type: Remediation O & M Reports

Click here to view the detections report for this upload.

MBP LINDEN
8203 HWY 26 E
STOCKTON, CA 95206

Regional Board - Case #: 391080
CENTRAL VALLEY RWQCB (REGION 5S) - **(JLB)**
Local Agency (lead agency) - Case #: 000691
SAN JOAQUIN COUNTY LOP - **(ML)**

CONF #	TITLE	QUARTER
6310656905	06-08-2005 remediation vapor	Q2 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Christopher Miller	10/19/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	2
# FIELD POINTS WITH DETECTIONS	0
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	AIR - UNK. ORIGIN

METHOD QA/QC REPORT

METHODS USED	8260FAB,M8015
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FAB REQUIRES ETBE TO BE TESTED	
- 8260FAB REQUIRES TAME TO BE TESTED	
- 8260FAB REQUIRES DIPE TO BE TESTED	
- 8260FAB REQUIRES TBA TO BE TESTED	
- 8260FAB REQUIRES DCA12 TO BE TESTED	
- 8260FAB REQUIRES EDB TO BE TESTED	
- 8260FAB REQUIRES ETHANOL TO BE TESTED	
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	N
- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	N

Electronic Submittal Information

Main Menu | View/Add Facilities | Upload EDD | Check EDD

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Confirmation Number: 9125445902
Date/Time of Submittal: 10/19/2005 3:40:59 PM
Facility Global ID: T0607700895
Facility Name: MBP LINDEN
Submittal Title: 07-18-2005 remediation vapor
Submittal Type: Remediation O & M Reports

Click here to view the detections report for this upload.

MBP LINDEN
8203 HWY 26 E
STOCKTON, CA 95206

Regional Board - Case #: 391080
CENTRAL VALLEY RWQCB (REGION 5S) - **(JLB)**
Local Agency (lead agency) - Case #: 000691
SAN JOAQUIN COUNTY LOP - **(ML)**

CONF #	TITLE	QUARTER
9125445902	07-18-2005 remediation vapor	Q3 2005

SUBMITTED BY	SUBMIT DATE	STATUS
Christopher Miller	10/19/2005	PENDING REVIEW

SAMPLE DETECTIONS REPORT

# FIELD POINTS SAMPLED	2
# FIELD POINTS WITH DETECTIONS	0
# FIELD POINTS WITH WATER SAMPLE DETECTIONS ABOVE MCL	0
SAMPLE MATRIX TYPES	AIR - UNK. ORIGIN

METHOD QA/QC REPORT

METHODS USED	8260FAB,M8015
TESTED FOR REQUIRED ANALYTES?	N
MISSING PARAMETERS NOT TESTED:	
- 8260FAB REQUIRES ETBE TO BE TESTED	
- 8260FAB REQUIRES TAME TO BE TESTED	
- 8260FAB REQUIRES DIPE TO BE TESTED	
- 8260FAB REQUIRES TBA TO BE TESTED	
- 8260FAB REQUIRES DCA12 TO BE TESTED	
- 8260FAB REQUIRES EDB TO BE TESTED	
- 8260FAB REQUIRES ETHANOL TO BE TESTED	
LAB NOTE DATA QUALIFIERS	N

QA/QC FOR 8021/8260 SERIES SAMPLES

TECHNICAL HOLDING TIME VIOLATIONS	0
METHOD HOLDING TIME VIOLATIONS	0
LAB BLANK DETECTIONS ABOVE REPORTING DETECTION LIMIT	0
LAB BLANK DETECTIONS	0
DO ALL BATCHES WITH THE 8021/8260 SERIES INCLUDE THE FOLLOWING?	
- LAB METHOD BLANK	Y
- MATRIX SPIKE	N
- MATRIX SPIKE DUPLICATE	N
- BLANK SPIKE	N
- SURROGATE SPIKE - NON-STANDARD SURROGATE USED	N

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

Logged in as AGE-STOCKTON (AUTH_RP) CONTACT SITE ADMINISTRATOR.

WATER SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 85-115%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

SOIL SAMPLES FOR 8021/8260 SERIES

MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) % RECOVERY BETWEEN 65-135%	n/a
MATRIX SPIKE / MATRIX SPIKE DUPLICATE(S) RPD LESS THAN 30%	n/a
SURROGATE SPIKES % RECOVERY BETWEEN 70-125%	n/a
BLANK SPIKE / BLANK SPIKE DUPLICATES % RECOVERY BETWEEN 70-130%	n/a

FIELD QC SAMPLES

SAMPLE	COLLECTED	DETECTIONS > REPDL
QCTB SAMPLES	N	0
QCEB SAMPLES	N	0
QCAB SAMPLES	N	0

Logged in as AGE-STOCKTON (AUTH_RP) CONTACT SITE ADMINISTRATOR.